

RECORD OF PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF THE  
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1965 to June 30, 1966

1965-1966

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
ALAN B. LOOP, Toledo.....	July 23, 1959	May 13, 1966
JACOB E. DAVIS, Cincinnati.....	February 6, 1961	May 13, 1967
STANLEY C. ALLYN, <sup>1</sup> Dayton.....	May 14, 1961	May 13, 1968
JOHN W. BRICKER, <sup>2</sup> Columbus.....	May 14, 1962	May 13, 1969
CARLTON S. DARGUSCH, <sup>3</sup> Columbus.....	May 14, 1963	May 13, 1970
BERTRAM D. THOMAS, <sup>4</sup> Columbus.....	October 13, 1965	May 13, 1970
JOHN G. KETTERER, Canton.....	October 18, 1963	May 13, 1971
FREDERICK E. JONES, Columbus.....	October 18, 1963	May 13, 1972
MERVIN B. FRANCE, Cleveland.....	September 16, 1964	May 13, 1973
JAMES W. SHOCKNESSY, Columbus.....	August 2, 1965	May 13, 1974

<sup>1</sup> Filled the unexpired term of Charles F. Kettering who died November 25, 1958 (January 8, 1959-May 13, 1961)

<sup>2</sup> Served two previous terms (1948-1962)

<sup>3</sup> Served three previous terms (1938-1959). Resigned October 11, 1965.

<sup>4</sup> Appointed to fill unexpired term Carlton S. Dargusch

OFFICERS

1965-1966

ALAN B. LOOP, *Chairman*

JACOB E. DAVIS, *Vice Chairman*

JOHN T. MOUNT, *Secretary*

GORDON B. CARSON, *Treasurer*

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SECOND MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 8, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, July 8, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, John G. Ketterer, Frederick E. Jones, and Mervin B. France.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of School of Education

On May 11, 1965, the Faculty Council approved a recommendation from the Council on Instruction that a School of Education be organized within the College of Education. This proposal, which had previously been approved by the Department of Education, the Bureau of Educational Research and Service, the Executive Committee and the Faculty Committee of the College of Education, and the faculty of the College of Education, has as its major aim the design and implementation of improved programs for the study of education and for the professional preparation of school personnel. The reorganization is based upon a desire to remove certain existing departmental lines which lead to duplication of effort, artificial barriers among faculty members with common concerns, inflexibilities in the assignment of faculty and staff personnel, and lack of focus upon the common educational mission of these departments.

It is therefore recommended that the present Department of Education and the present Bureau of Educational Research and Service be abolished and that in their stead a School of Education be established, within which shall be incorporated the laboratory unit of the College of Education known as University School and Center for School Experimentation, effective July 1, 1965.

It is further recommended, with the concurrence of the Faculty Council, that Rules 27.0701 b(3) and 29.01 b(6) of Rules for the University Faculty be amended to substitute the words "School of Education" for "Education."

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

B. Degrees Conferred - Summer Quarter Commencement Convocation

It is recommended that degrees be conferred at the Summer Quarter Commencement Convocation on August 27, 1965, to those students who have completed requirements for their respective degrees and are recommended by the Faculty Council. The names of those awarded degrees will be included in the minutes of this meeting. (See Appendix I, page 51.)

Upon motion of Mr. France, seconded by Mr. Dargusch, the above recommendation was approved by unanimous roll call vote.



I. GENERAL RECOMMENDATIONS (continued)

C. Establishment of the "Samuel and Esther Melton  
Professorship of Jewish History and Studies"

Pursuant to the conditions set forth for the establishment of a "Named Professorship," as approved by the Board of Trustees at its January 14, 1965 meeting, it is recommended with the concurrence of Vice President for Academic Affairs, Dr. John C. Weaver, and the faculty of the Department of History that the "Samuel and Esther Melton Professorship in Jewish History and Studies" be established within the Department of History of The Ohio State University.

This "Named Professorship" shall be filled by a scholar who is thoroughly fluent in his reading knowledge of Biblical and modern Hebrew and shall be qualified to offer general courses in Jewish history as well as courses in more specialized areas of interest as are considered to be desirable by the Department of History.

The "Melton Professorship" will be supported by a gift from Mr. and Mrs. Samuel M. Melton through The Ohio State University Development Fund in the amount of \$20,000.00 per annum for a trial period of one to five years. Mr. and Mrs. Melton have indicated their intention to establish the professorship on a permanent basis by an additional contribution to the University through the Development Fund in the amount of \$250,000.00, should it be deemed appropriate to establish the program on a permanent basis.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote approved the establishment of the "Samuel and Esther Melton Professorship in Jewish History and Studies."

D. Honorary Degrees

The Faculty Council on June 8, 1965, recommended that the honorary degree, Doctor of Laws, be conferred on:

Henry E. Hoagland  
Roberto S. Vilella

It is therefore recommended that the Board of Trustees approve the Faculty Council recommendation and that these degrees be awarded at a Commencement Convocation during 1965 or 1966.

Upon motion of Mr. France, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

E. Activation of Two "Named Chairs" in the College of Medicine--  
"The Charles Austin Doan Chair of Medicine" and "The  
Robert M. Zollinger Chair of Surgery"

On September 13, 1963, the Board of Trustees authorized the establishment of two "named chairs" in the College of Medicine--"The Charles Austin Doan Chair of Medicine" and "The Robert M. Zollinger Chair of Surgery," with the understanding that each chair would be activated when the income from the

I. GENERAL RECOMMENDATIONS (continued)

E. Activation of Two "Named Chairs" in the College of Medicine--  
"The Charles Austin Doan Chair of Medicine" and "The  
Robert M. Zollinger Chair of Surgery" (continued)

principal funds designated to support each chair is in sufficient amount to provide an adequate salary for the appointment of a distinguished scholar. President Fawcett indicated his pleasure in reporting that designated gifts and bequests have been received and deposited in the University Endowment Fund in an amount sufficient to provide the necessary income for activation of both of the above-named chairs.

It is therefore recommended with the concurrence of the Dean of the College of Medicine, Dr. Richard L. Meiling, and the Vice President for Academic Affairs, Dr. John C. Weaver, that "The Charles Austin Doan Chair of Medicine" and "The Robert M. Zollinger Chair of Surgery" be activated, effective July 1, 1965.

Upon motion of Mr. Dargusch, seconded by Mr. Bricker, the Board of Trustees by unanimous roll call vote approved the activation of "The Charles Austin Doan Chair of Medicine" and "The Robert M. Zollinger Chair of Surgery."

F. Distinguished Service Awards

In 1952 the Board of Trustees established the Distinguished Service Award to be given in recognition of eminent and illustrious service to The Ohio State University. The President's Cabinet, which serves as a Committee on Distinguished Service Awards, has nominated for consideration by the Board of Trustees the following-named persons to receive the Distinguished Service Award at the August 27, 1965 Commencement:

James Edward Pollard  
Gerald Elmer Tenney

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above nominations for the Distinguished Service Award were approved by a unanimous roll call vote.

G. Ratification of Personnel and Operating  
Budgets for the Fiscal Year 1965-66

The Board of Trustees at its meeting on June 10, 1965, approved the several personnel and operating budgets of the University subject to the passage of Substitute H. B. 200 with allocations at least equal to the bill passed by the House of Representatives.

Substitute H. B. 200 which provides for the allocation of funds as detailed in the personnel and operating budgets approved by the Board of Trustees on June 10, 1965, has now been enacted by the 106th General Assembly.

July 8, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Ratification of Personnel and Operating  
Budgets for the Fiscal Year 1965-66 (continued)

It is therefore recommended that the actions taken by the Board of Trustees on June 10, 1965, approving the personnel and operating budgets for The Ohio State University, the University Hospitals, and the Ohio Cooperative Extension Service be ratified.

Mr. Mervin France moved that the personnel and operating budgets for The Ohio State University, the University Hospitals, and the Ohio Cooperative Extension Service for the 1965-66 fiscal year, as adopted by the Board of Trustees at its June 10, 1965 meeting, be and hereby are ratified. Mr. John Ketterer seconded the motion; and upon a roll call vote, all members present voted approval of the motion to ratify, with the exception that Messrs. Carlton S. Dargusch and Frederick E. Jones requested that the minutes record a negative vote on the ratification of The Ohio State University annual personnel budget for 1965-66.

H. Change in Trustees, The Ohio Legal Center

On July 14, 1961, the Board of Trustees approved the "Articles of Incorporation" and the "Code of Corporate Regulations of The Ohio Legal Center" and designated Frank R. Strong, Robert J. Nordstrom, and Ervin H. Pollack to serve as trustees to represent The Ohio State University until "they resign or their successors are designated by this Board."

Because of his resignation from the faculty of The Ohio State University, Frank R. Strong has submitted his resignation as a trustee of The Ohio Legal Center.

Therefore, it is recommended that Dean Ivan C. Rutledge be designated a trustee of The Ohio Legal Center to succeed Frank R. Strong, effective August 1, 1965.

Upon motion of Mr. Ketterer, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the June 10, 1965 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointments, Promotions and Changes in Administrative Responsibilities, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Charles E. Mengel, M.D., Associate Professor in the Department of Medicine and Director of the Clinical Service of Hematology, effective July 1, 1965, at a salary of \$20,268.00 per annum. Dr. Mengel is also appointed to fill "The Charles Austin Doan Chair of Medicine."

July 8, 1965 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### A. Appointments (continued)

Robert E. Cook, Professor and Chairman, Department of Poultry Science, and Professor in the Cooperative Extension Service, effective September 1, 1965, at a salary of \$13,368.00 per annum. (\$1,500.00 of this amount is from the budget of the Cooperative Extension Service.) Professor Cook will also serve as a member of the faculty of the Ohio Agricultural Experiment Station, Wooster, Ohio, at an annual rate of \$6,000.00.

Merton C. Bernstein, Professor, College of Law, effective July 1, 1965, at a salary of \$17,568.00 per annum.

Reed M. Powell, Professor, Department of Business Organization, effective July 1, 1965, at a salary of \$18,168.00 per annum. In addition to serving on the teaching faculty of the Department of Business Organization, Professor Powell will be on the faculty of the Division of Research of the College of Commerce and Administration.

### B. Promotions and Changes in Administrative Responsibilities

Frederick R. Cyphert from Professor in the Department of Education to Associate Dean of the College of Education and Professor in the School of Education, effective July 1, 1965, at a salary of \$16,968.00 per annum.

Robert A. Barnes from Staff Assistant to the President to Director of the Newark Academic Center, effective July 1, 1965, at a salary of \$16,068.00 per annum.

William A. Bruce, D.D.S., from Associate Professor to Associate Professor and Assistant Dean of the College of Dentistry, effective October 1, 1965, at a salary of \$15,168.00 per annum.

Richard E. Wharton from Administrative Assistant to the Dean to Assistant Dean of the College of Engineering, effective July 1, 1965, at a salary of \$14,568.00 per annum.

Richard P. Goldthwait from Professor and Director of the Institute of Polar Studies to Professor and Chairman of the Department of Geology, effective October 1, 1965, at a salary of \$20,772.00 per annum.

To implement the establishment of a School of Education in the College of Education, it is recommended that the following persons be promoted to assume the various administrative responsibilities of the School:

July 8, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions and Changes in Administrative Responsibilities (continued)

John A. Ramseyer from Professor in the Department of Education to Professor and Director in the School of Education, College of Education, effective July 1, 1965, at a salary of \$21,372.00 per annum.

Egon G. Guba from Professor and Director of the Bureau of Educational Research and Service to Professor and Assistant Director in the School of Education, effective July 1, 1965, at a salary of \$19,368.00 per annum.

M. Karl Openshaw from Associate Professor in the Department of Education to Associate Professor and Assistant Director in the School of Education, effective July 1, 1965, at a salary of \$15,168.00 per annum.

Arliss L. Roaden from Associate Professor in the Department of Education to Associate Professor and Assistant Director in the School of Education, effective July 1, 1965, at a salary of \$15,168.00 per annum.

C. Leaves of Absence Without Salary

G. Diran Bodenhorn, Professor, Department of Economics, October 1, 1965 through September 30, 1966, to continue to teach at the University of Ibadan, Ibadan, Nigeria, under a Rockefeller Grant.

Harold F. Harding, Professor, Department of Speech, October 1, 1965 through September 30, 1966, to be a Visiting Professor at the University of California, Santa Barbara.

Paul R. Klohr, Professor, School of Education, October 1, 1965 through June 30, 1966, to be a Visiting Professor at the University of California, Davis.

William B. Logan, Sr., Professor, School of Education, July 1, 1965 through July 31, 1965, to be a Visiting Professor at the University of California, Berkeley.

Ruth M. Erlandson, Associate Professor of Library Administration, Library, July 1, 1965 through August 31, 1965, to be a library advisor, Asia Foundation, New Chiangmai University, Chiangmai, Thailand.

Neal F. Johnson, Associate Professor, Department of Psychology, October 1, 1965 through September 30, 1966, to teach and do research at the University of California, Berkeley.

July 8, 1965 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### C. Leaves of Absence Without Salary (continued)

Courtney P. Stromsta, Associate Professor, Department of Speech, October 1, 1965 through December 31, 1965, to participate in a cooperative research project at the University of Zagreb, Zagreb, Yugoslavia, sponsored by the Vocational Rehabilitation Administration.

Sidney E. White, Associate Professor, Department of Geology, October 1, 1965 through September 30, 1966, to be a Visiting Professor at the University of Colorado, Denver, Colorado.

Richard H. Wilson, Associate Professor, Department of Agricultural Education, July 16, 1965 through August 15, 1965, to be a Visiting Professor at New Mexico State University.

Alma L. Wittmeyer, Associate Professor, School of Nursing, July 23, 1965 through September 14, 1965, for personal reasons.

Charles H. Summerson, Assistant Professor, Department of Geology, October 1, 1965 through September 30, 1966, to work with the National Science Foundation in Washington, D. C.

Alma F. Tapscott, Assistant Professor, School of Home Economics, July 1, 1965 through September 30, 1965, for personal reasons.

Catherine C. Vaughn, Assistant Professor, School of Home Economics, July 1, 1965 through August 31, 1965, due to ill health.

Alva R. Glaser, Instructor, Department of Aeronautical and Astronautical Engineering, July 1, 1965 through September 30, 1965, to be employed in industry.

Josephine T. Hickey, Instructor, School of Nursing, July 6, 1965 through September 19, 1965, for personal reasons.

H. Elaine Swank, Instructor, School of Nursing, July 6, 1965 through September 26, 1965, to travel in Europe.

William H. Ewing, Associate Director, Telecommunications Center, October 1, 1965 through June 30, 1966, to accept a Fulbright Exchange Award.

### D. Emeritus Titles

Linden F. Edwards, Department of Anatomy, with the title Professor Emeritus, effective September 1, 1965.

July 8, 1965 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### D. Emeritus Titles (continued)

Harvey C. Mansfield, Department of Political Science, with the title Professor Emeritus, effective July 1, 1965.

LeVelle Wood, School of Home Economics, with the title Professor Emeritus, effective July 1, 1965.

Mabel G. Westervelt, Cooperative Extension Service, with the title Instructor (County Extension Agent, Home Economics) Emeritus, effective August 1, 1965.

Upon motion of Mr. Jones, seconded by Mr. France, the Appointments, Promotions and Changes in Administrative Responsibilities, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents of the University.

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## III. GENERAL CONTRACTS AND AGREEMENTS

### A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it is recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

#### 1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for an Investigation of Chemical Factors in Host Plant Selection by Insects (to be known as Bureau of State Services Project No. 1088 - Ext. #5 - College of Pharmacy). Gross Value - \$10,260.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for a Servo-analytic Study of the Myotatic Reflex System (to be known as National Institutes of Health Project No. 1101 - Ext. #5 - Department of Physiology). Gross Value - \$11,048.00.
- c. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for The Professionalization of Dental Students (to be known as Bureau of State Services Project No. 1283 - Ext. #4 - Department of Sociology and Anthropology). Gross Value - \$15,218.00.

July 8, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for the Study of Hard Dental Tissues and Restorative Materials (to be known as National Institutes of Health Project No. 1410 - Ext. #3 - College of Dentistry).  
Gross Value - \$12,907.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Self-administered Procedures in Speech and Hearing (to be known as National Institutes of Health Project No. 1414 - Ext. #3 - Department of Speech).  
Gross Value - \$45,838.00.
- f. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research of Eutectoid Reactions in Metal Alloys (to be known as Systems Engineering Group, Research and Technology Division Project No. 1440 - Sup. #6 - Department of Metallurgical Engineering).  
Gross Value - \$31,998.00.
- g. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for an Investigation of the Diatoms of the West End of Lake Erie (to be known as Bureau of State Services Project No. 1464 - Ext. #3 - Department of Botany and Plant Pathology).  
Gross Value - \$11,939.00.
- h. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Technical Services to Provide Intermittent Research Analysis on Materials and Associated Problems (to be known as Systems Engineering Group, Research and Technology Division Project No. 1473 - Sup. #6 - RF Internal Supervision).  
Gross Value - \$75,000.00.
- i. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Anabolic Control in Normal and Neoplastic Tissues (to be known as National Institutes of Health Project No. 1571 - Sup. #1 - Department of Agricultural Biochemistry).  
Gross Value - \$2,884.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- j. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Research Analysis Services in Flight Control (to be known as Systems Engineering Group, Research and Technology Division Project No. 1635 - Sup. #5 - RF Internal Supervision).  
Gross Value - \$8,000.00.
- k. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for The Nurse-Monitor in a Patient-Care System (to be known as Bureau of State Services Project No. 1651 - Sup. #1 - Engineering Experiment Station).  
Gross Value - \$3,497.00.
- l. Classified Program (to be known as Classified Program Project No. 1801 - Sup. #1 - Department of Electrical Engineering).  
Gross Value - \$199,985.00.
- m. Classified Program (to be known as Classified Program Project No. 1815 - Amend. #4 - Department of Electrical Engineering).  
Gross Value - \$10,523.00.
- n. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Development of Educational Theory Derived from Three Models (to be known as Office of Education Project No. 1832 - Amend. #1 - Bureau of Educational Research and Service).  
Gross Value - \$15,608.00.
- o. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Chemistry, Metabolism, and Immunology of Gangliosides (to be known as National Institutes of Health Project No. 1842 - Ext. #1 - Department of Psychiatry).  
Gross Value - \$32,580.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Inherited Caries Resistance in Gnotobiotic Animals (to be known as National Institutes of Health Project No. 1843 - Ext. #1 - College of Dentistry).  
Gross Value - \$15,000.00.
- q. National Science Foundation, Washington, D. C., for Spectroscopy of High-temperature Gases with Luminous Shock Tube (to be known as National Science Foundation Project No. 1848 - Amend. #1 - Department of Astronomy).  
Gross Value - \$26,000.00.

July 8, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- r. National Science Foundation, Washington, D. C., for Research in Radio Astronomy (to be known as National Science Foundation Project No. 1907 - Amend. #1 - Department of Electrical Engineering).  
Gross Value - \$10,000.00.
- s. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for Glaciological Investigations on the Casement Glacier, Alaska (to be known as U. S. Atomic Energy Commission Project No. 2017 - New - Institute of Polar Studies).  
Gross Value - \$30,000.00.
- t. National Science Foundation, Washington, D. C., for Physical and Chemical Glaciology on the Second Queen Maud Traverse (to be known as National Science Foundation Project No. 2023 - New - Institute of Polar Studies).  
Gross Value - \$24,800.00.
- u. National Science Foundation, Washington, D. C., for an Investigation of the Opossum Adrenal (to be known as National Science Foundation Project No. 2024 - New - Department of Physiology).  
Gross Value - \$26,000.00.
- v. National Science Foundation, Washington, D. C., for an Investigation of Critical Properties of Hydrocarbon Mixtures (to be known as National Science Foundation Project No. 2025 - New - Department of Chemical Engineering).  
Gross Value - \$40,000.00.
- w. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for Implementation of Research Strategies and Tactics for Demonstrations of the Newer Media (to be known as Office of Education Project No. 2027 - New - Bureau of Educational Research and Service).  
Gross Value - \$91,350.00.
- x. National Science Foundation, Washington, D. C., Pleistocene Environment of the Bering-Chukchi Land Bridge (to be known as National Science Foundation Project No. 2028 - New - Department of Zoology and Entomology).  
Gross Value - \$3,800.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- y. U. S. Department of Agriculture, Forest Service, Washington, D. C. , A Chemical Investigation of the Host-Plant Selection by the Elm Bark Beetle, *Scolytus Multistriatus* (Marshall) (to be known as U. S. Department of Agriculture, Forest Service Project No. 2030 - New - College of Pharmacy).  
Gross Value - \$30,000.00.
- z. Department of Health, Education, and Welfare, Office of Education, Washington, D. C. , for An Industrial Arts Curriculum Project for the Junior High School (to be known as Office of Education Project No. 2032 - New - Department of Education).  
Gross Value - \$44,000.00.
- aa. National Aeronautics and Space Administration, Washington, D. C. , Boundary Layer Studies in an Arc-Heated Wind Tunnel (to be known as National Aeronautics and Space Administration Project No. 2033 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$67,000.00.
- bb. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Development of Experimental Testing Programs to Verify Thermal Stress Analysis (to be known as Systems Engineering Group, Research and Technology Division Project No. 2034 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$26,600.00.
- cc. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for an Investigation of Pulse Radiolysis of Organic and Aquo-Organic Systems (to be known as U. S. Atomic Energy Commission Project No. 2035 - New - Department of Chemistry).  
Gross Value - \$36,500.00.
- dd. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Hydrophilic Colloid Interactions in Milk Systems (to be known as National Institutes of Health Project No. 2037 - New - Department of Dairy Technology).  
Gross Value - \$19,989.00.
- ee. Department of Health, Education, and Welfare, Office of Education, Washington, D. C. , The Role of Centers for Science Education in the Production, Demonstration, and Dissemination of Research (to be known as Office of Education Project No. 2038 - New - Department of Education).  
Gross Value - \$32,936.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- ff. National Science Foundation, Washington, D. C., The Bio-synthesis of the Branched-Chain Sugar Apiose (to be known as National Science Foundation Project No. 2039 - New - Department of Agricultural Biochemistry).  
Gross Value - \$31,700.00.
- gg. National Science Foundation, Washington, D. C., for Mapping of Primary Vegetation for Various Types of Data (to be known as National Science Foundation Project No. 2040 - New - Natural Resources Institute).  
Gross Value - \$25,000.00.
- hh. National Science Foundation, Washington, D. C., for an Investigation of Biosystematics of Silphium Compositum Michx (to be known as National Science Foundation Project No. 2041 - New - Department of Botany and Plant Pathology).  
Gross Value - \$24,900.00.
- ii. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Medicinal Chemical Studies of Mesoionic Compounds (to be known as National Institutes of Health Project No. 2042 - New - College of Pharmacy).  
Gross Value - \$19,284.00.

TOTAL - Government Contracts - Federal \$1,112,144.00

2. Industrial and Other Contracts

- a. G. T. Schjeldahl Co., Northfield, Minnesota, Photogrammetric Research and Measurement of Spheres (to be known as G. T. Schjeldahl Co. Project No. 1837 - C. O. #6 - Department of Geodetic Science).  
Gross Value - \$1,000.00.
- b. Research Corporation, 405 Lexington Avenue, New York, New York, for an Investigation of Side-Chain Reactivity in Porphyrins (to be known as Research Corporation Project No. 2026 - New - Department of Chemistry).  
Gross Value - \$5,000.00.
- c. American Petroleum Institute, 1271 Avenue of the Americas, New York, New York, for an Investigation of Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - New - Department of Chemical Engineering).  
Gross Value - \$10,000.00.

July 8, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- d. American Iron and Steel Institute, 150 East 42nd Street, New York, New York, for an Investigation of Properties of Liquid Iron and Steel (to be known as American Iron and Steel Institute Project No. 2031 - New - Department of Metallurgical Engineering).  
Gross Value - \$25,200.00.
- e. The Milheim Foundation, P. O. Box 5168 T. A., Denver, Colorado, for Isolation of Viruses from Bone Marrow of Patients with Acute Leukemia (to be known as The Milheim Foundation Project No. 2036 - New - Department of Medicine).  
Gross Value - \$9,550.00.

TOTAL - Industrial and Other Contracts \$50,750.00

The foregoing forty contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,162,894.00.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

During the period from June 1, 1965 through June 26, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Government Research Contracts

- |                    |  |
|--------------------|--|
| EES-196<br>Ext. #6 | Terrain Investigation Techniques for Highway Engineers,<br>Ohio Department of Highways, Columbus, Ohio, Bureau<br>of Public Roads, Washington, D. C.<br>Gross Value - \$10,800.00. |
| EES-235<br>Ext. #1 | A Study of Structural Evaluation of Flexible Pavements,<br>Ohio Department of Highways, Columbus, Ohio, Bureau<br>of Public Roads, Washington, D. C.<br>Gross Value - \$9,000.00.  |

TOTAL - Government Research Contracts \$19,800.00.

July 8, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

2. Industrial Research Contracts

EES-234 Ext. #2	Forced Convection Frosting of Finned Coils in Crossflow of Air, American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc., New York, New York. Gross Value - \$6,480.00.
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EES-267	A Study of Vee-Belts, Dayco Corporation, Springfield, Missouri. Gross Value - \$6,100.00.
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TOTAL - Industrial Research Contracts \$12,580.00

The foregoing four contracts for research in the Engineering Experiment  
Station represent a gross income of \$32,380.00.

C. Agreement Between the College of Medicine of The Ohio  
State University and St. Ann's Hospital for Women of  
Columbus for an Affiliate Teaching Program

To enhance the instructional program for medical students, the Dean of the College of Medicine has proposed that an agreement be executed between St. Ann's Hospital for Women of Columbus and the College of Medicine of The Ohio State University, whereby medical students will be given an opportunity in their clinical years to gain experiences in the care and treatment of patients in the area of obstetrics at St. Ann's Hospital. Under the terms of the agreement, the clinical facilities, including the inpatient and outpatient services of St. Ann's Hospital for Women, will be made available for the educational program of Ohio State medical students; and the qualified professional staff of St. Ann's Hospital will collaborate in the teaching of The Ohio State University medical students in a private hospital.

The Board of Trustees of St. Ann's Hospital for Women has indicated its willingness to participate in the above-identified affiliate teaching program, effective July 1, 1965. It is therefore recommended that the President be authorized to sign such an agreement on behalf of the University with the understanding that there is no financial obligation on the part of the University.

Upon motion of Mr. Dargusch, seconded by Mr. Bricker, the Board of Trustees by unanimous vote authorized the President to sign an agreement between the College of Medicine of The Ohio State University and St. Ann's Hospital for Women of Columbus for an affiliate teaching program.

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July 8, 1965 meeting, Board of Trustees

#### IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since June 10, 1965, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

##### A. Administered Through the Office of Business and Finance

1. \$95,592.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Otolaryngology and Audiology Training Grant," under the direction of Dr. William H. Saunders, Department of Otolaryngology, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 NB 5397-03)
2. \$87,750.00 granted by the Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for support of the College Work-Study Program under authority of Title I, Part C, of the Economic Opportunity Act of 1964, for the summer of 1965 and the 1965-66 college year. (OE 38 45 0430)
3. \$83,370.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Program in Pharmacology," under the direction of Dr. Bernard H. Marks, Department of Pharmacology, for the period July 1, 1965 through June 30, 1966. (Grant 1 T1 GM 1417-01)
4. \$35,112.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Training - Heart," under the direction of Dr. Robert L. Hamlin, Department of Veterinary Physiology and Pharmacology, for the period July 1, 1965 through June 30, 1966. (Grant 1 T1 HE 5659-01)
5. \$28,000.00 granted by the Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, for "The Establishment of a Slavic Languages and Area Center (Russian and Polish)," under the direction of Professor Leon I. Twarog, Department of Slavic Languages and Literatures, for the period April 1, 1965 through June 30, 1966. (Contract No. OE-5-13-022)
6. \$26,814.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for a "Study of the Carcinogenesis of the Female Reproductive Organs," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period July 1, 1965 through June 30, 1966. (Grant 5-K3-GM-15,104-09)
7. \$26,612.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Training in Water Supply and Pollution Control," under the direction of Dr. Charles A. Dambach, Director of the Natural Resources Institute, for the period July 1, 1965 through June 30, 1966. (Grant 5T1-WP-39-02)

July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

8. \$22,680.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Program in Biochemistry," under the direction of Dr. R. O. Moore, Acting Chairman of the Department of Agricultural Biochemistry, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 GM 513-05)
9. \$13,000.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Division of Community Health Services, Washington, D. C. 20201, to the University for traineeships for registered nurses who plan to accept full-time public health nursing positions, under the direction of Miss Frances M. Pease, Associate Director of the School of Nursing, for the period July 1, 1965 through June 30, 1966. (Grant 66-537)
10. \$7,380.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Division of Community Health Services, Washington, D. C. 20201, to the University for support of the program, "Epidemiology in Local Public Health Practice," under the direction of Dr. Martin D. Keller, Department of Preventive Medicine, for the period September 1, 1965 through June 30, 1966. (Grant STT--215-65-CH)
11. \$1,431.00 granted by the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Undergraduate Training - Psychiatric Nursing," under the direction of Professor Mildred E. Newton, Director of the School of Nursing, for the period July 1, 1965 through June 30, 1966. (Grant 3 T2 MH-6375-09S1)
12. \$888.00 additional grant from the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Graduate Training - Social Work," under the direction of Dr. Samuel P. Daykin, School of Social Work, for the period July 1, 1965 through June 30, 1966. (Grant 3 T1 MH-8254-03S1)

TOTAL - Through the Office of Business and Finance \$428,829.00

B. Received Through the Development Fund

1. \$40,000.00 from The Kiplinger Association, Washington, D. C. for various purposes to be designated by Mr. Willard M. Kiplinger.
2. \$32,310.00 from the National Fund for Medical Education, Chicago, Illinois, for the National Fund for Medical Education in the College of Medicine.
3. \$28,499.00 from Bell Telephone Laboratories Inc. for the Bell Telephone Laboratory Teaching and Research Fund.



July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

4. \$25,000.00 from The Richard T. Baker Foundation for the establishment of the Richard T. Baker Fund.

Richard T. Baker Fund

The Richard T. Baker Fund was established June 8, 1965, by a gift through the Development Fund from The Richard T. Baker Foundation.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used for graduate scholarships to students who are candidates for advanced degrees in accounting. Recommendations for these awards are to be made by the Chairman of the Department of Accounting with the advice of its Graduate Committee. Such awards are subject to the approval of the Dean of the College of Commerce and Administration.

If the need for such graduate scholarships or fellowships should cease to exist or so diminish as to create unused income, then said income may be used for any purpose in the field of accounting as agreed upon by the Chairman of the Department of Accounting and the Dean of the College of Commerce and Administration.

In the event the Department of Accounting as it now exists shall be altered in any reorganization of University colleges, schools, and departments, the Board of Trustees or successor governing body of the University shall direct use of the income for purposes within the field of accounting as recommended by the appropriate administrative official of the University then directly responsible for accounting education at The Ohio State University.

5. \$25,000.00 by a bequest from Arthur G. Helmick, deceased, for the establishment of the Arthur G. Helmick Scholarship Fund.

Arthur G. Helmick Scholarship Fund

The Arthur G. Helmick Scholarship Fund was established June 11, 1965, by a bequest through the Development Fund from Arthur G. Helmick, deceased, M. D. '02.

The principal is to be invested in accordance with Section 3345.16 G. C. The income is to be used for the awarding of two scholarships each year of \$750.00 each to students in the College of Medicine of The Ohio State University, said awards to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Medicine.

If said fund should produce less than \$1,500.00 per year income, the scholarships shall each be one-half of the income of the fund.

July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$17,346.65 from American Medical Association Education and Research Foundation for the National Fund for Medical Education in the College of Medicine.
7. \$11,700.00 from The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio, for fellowships and equipment for the Department of Ceramic Engineering.
8. \$10,000.00 from Samuel M. Melton--\$5,000.00 for the Samuel M. Melton Library Fund and \$5,000.00 for the Samuel M. Melton Scholarship Fund.
9. \$10,000.00 from The Payne Fund, Inc., New York, New York, for continuation of the communications research study under the direction of Dr. Edgar Dale, School of Education.
10. \$7,500.00 from The Bremer Foundation for The Bremer Foundation Fund in the College of Medicine.
11. \$5,975.00 from The Procter & Gamble Co.--\$3,875.00 for the Procter & Gamble Co. Fellowship Fund in Chemical Engineering and \$2,100.00 for the Procter & Gamble Co. Dental Research Fellowship Fund.
12. \$5,000.00 from Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for scholarships in the College of Engineering.
13. \$5,000.00 from Bethlehem Steel Corporation, Bethlehem, Pennsylvania, for research in the Department of Metallurgical Engineering.
14. \$5,000.00 from Merck & Company, Inc., Rahway, New Jersey, for research in the College of Medicine.
15. \$3,750.00 from Union Carbide Educational Fund for the Union Carbide Company Scholarship Fund.
16. \$3,630.00 from Westinghouse Electric Corporation for the College of Dentistry.
17. \$3,500.00 from Smith, Kline and French Laboratories, Philadelphia, Pennsylvania, for research in the College of Pharmacy.
18. \$3,150.00 from Kaiser Aluminum & Chemical Corporation for the Kaiser Aluminum & Chemical Corporation Fellowship Fund in Mechanical Engineering.
19. \$3,000.00 from International Minerals & Chemical Corporation for the International Minerals & Chemical Corporation Fund in the Department of Agronomy.

July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

20. \$2,200.00 from Continental Grain Foundation, New York, New York, for a fellowship in the Department of Agricultural Economics and Rural Sociology.
21. \$2,000.00 from Sun Oil Company as an unrestricted gift to the Department of Chemistry.
22. \$1,850.00 from the Columbus Area Chamber of Commerce for a census tract study under the direction of Dr. James Yocum, Division of Research, College of Commerce and Administration.
23. \$1,500.00 from Gordon E. Hildreth for the Student Athlete Grant-in-Aid Fund.
24. \$1,500.00 from Cyril R. Porthouse for the Student Athlete Grant-in-Aid Fund.
25. \$1,085.00 by gifts in memory of Charles R. Sutton for the establishment of the Charles R. Sutton Memorial Scholarship Fund.

Charles R. Sutton Memorial Scholarship Fund

The Charles R. Sutton Memorial Scholarship Fund was established June 3, 1965, by gifts through the Development Fund in memory of Charles R. Sutton, former Professor in the School of Architecture and Landscape Architecture.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates. The income is to be used for scholarships to students in the field of landscape architecture.

In the event the need for such scholarships should cease to exist or so diminish as to create unused income then the Board of Trustees of the University may use said income for any purpose in its discretion, preference to be given if possible to items in the field of architecture, landscape architecture, or city and regional planning.

26. \$1,000.00 from Mrs. Dolly Lurie Cohen for the establishment of the Dolly Cohen Graduate Scholarship Fund.
27. \$1,000.00 from Gates, McDonald & Company for the Gates, McDonald Scholarship Fund.
28. \$1,000.00 from Mr. Frederick Stecker for purposes to be designated at a later date.
29. \$1,000.00 from Robert Lazarus, Sr. for The Ohio State University Scholarship Fund.

July 8, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

30. \$1,000.00 from Mrs. Roberta Diehl Porthouse for the establishment of the Porthouse Foundation for Chemical Engineering.
31. \$1,000.00 from Robapharm (Canada) Limited for the Arthritis and Rheumatism Foundation in the College of Medicine.
32. \$1,000.00 from Melvin D. Ross--\$500.00 for the Melvin D. Ross Student Loan Fund and \$500.00 for the Melvin D. Ross Library Fund.

TOTAL - Received Through the Development Fund \$262,495.65

Upon motion of Mr. Davis, seconded by Mr. Allyn, the acceptance of the above grants and gifts was approved by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

1. May, 1965

In May, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	826	\$ 50,012.18
Individuals, other than alumni	80	16,713.13
Nonprofit organizations	27	35,100.14
Business concerns	<u>14</u>	<u>24,770.78</u>
	947	\$126,596.23

Of these gifts, 608 totaling \$9,134.43 were undesignated and 339 totaling \$117,461.80 were designated.

2. June, 1965

In June, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,351	\$120,567.54
Individuals, other than alumni	45	5,070.00
Nonprofit organizations	125	87,731.05
Business concerns	<u>40</u>	<u>80,749.60</u>
	1,561	\$294,118.19

Of these gifts, 920 totaling \$7,999.00 were undesignated and 641 totaling \$286,119.19 were designated.

July 8, 1965 meeting, Board of Trustees

#### IV. GRANTS AND GIFTS (continued)

The Chairman, Mr. Loop, reported that he has appointed Mr. Jacob Davis and Mr. Frederick Jones to serve on a study committee of the Board of Directors of The Ohio State University Development Fund as requested by the Chairman of that Board, Mr. Thomas Meek. Mr. Loop further reported that Mr. Meek has created this committee to study ways and means of implementing the Lazarus report which is related to fund raising and allied subjects. Mr. Loop stated that he has appointed Messrs. Davis and Jones to the study committee since they serve as trustee representatives to the Board of Directors of the Development Fund from this Board.

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#### V. APPROPRIATIONS AND TRANSFER OF FUNDS

##### A. Transfer of Earned Indirect Costs

The President reported that in accordance with the policy previously adopted by the Board earned indirect costs were transferred to Account 179999, University Treasurer General Fund.

Administrative expenses; costs of heat, light, and power; and other overhead expenses on Research and Training Grants of the National Science Foundation, U. S. Department of Health, Education, and Welfare, other Federal Agencies, and Corporation gifts for general University purposes for fiscal year 1964-65.

##### National Science Foundation

41045	Parks - Pharmacy	\$	820.66
41054	Richardson - Education		6,694.56
41061	Yarrington - Engineering		862.41
41066	Schlessinger - Education		1,597.93
41067	Riley - Physics		682.53
41074	Richardson - Education		192.43
41075	Yarrington - Engineering		1,671.83
41076	Ross - Mathematics		2,610.00
41078	Richardson - Education		1,988.28
41079	Fisher - Mathematics		3,588.66
41081	Spieker - Geology		1,513.00
41107	Fishburne - Aeronautical and Astronautical Engineering		70.31
41050	Garrett - Chemistry		200.04
	Total National Science Foundation	\$	<u>22,492.64</u>

##### U. S. Department of Health, Education, and Welfare

42046	NIH Fellowship Supply Grant - Wallace	\$	249.26
42071	NIH General Research Support - Meiling		40,353.62
42091	NIH Ophthalmology - Havener		1,480.80
42122	NIH Graduate Training - Veterinary Pathology - Cole		4,921.53
42123	NIH Undergraduate Training - Warren		66.79
42129	NIH Training Grant - Otolaryngology - Saunders		2,540.20

July 8, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education, and Welfare (continued)

42131	NIH Training Grant - Pathology - von Haam	\$ 1,095.71
42132	NIH Training Grant - Occupational Health - Ashe	3,455.58
42134	NIH Graduate Training - Social Work - Cornell	144.00
42135	NIH Graduate Training - Physiological Psychology - Meyer	1,014.78
42136	NIH Graduate Training - Psychiatric Social Work - Prince	2,289.17
42137	NIH Graduate Training - Clinical Psychology - Rotter	3,617.32
42138	NIH Graduate Training - Psychiatric Nursing - Harvey	288.40
42139	NIH Research and Career Development Award - Scarpelli	1,486.00
42140	NIH Graduate Training - Social Sciences - Sletto and Nagi	2,001.70
42141	NIH Training Grant - Tropical Medicine and Parasitology - Wharton	772.97
42142	NIH Undergraduate Training - Dental - Wilson	2,413.68
42143	NIH Graduate Training - Social Work - Corrections - Daykin	1,865.72
42144	NIH Graduate Training - Arthritis and Metabolic Diseases - Ullery	552.02
42145	NIH Training Grant - Medical Cardiology - Warren	5,220.32
42146	NIH General Research Support - Krill	6,705.28
42147	NIH Development Award - Weissler	1,576.00
42149	NIH Graduate Training Biochemistry - Deatherage	1,614.50
42150	NIH Undergraduate Training - Psychiatric Nursing - Newton	1,360.21
42151	NIH Graduate Training Veterinary Microbiology - Birkeland	2,169.34
42152	NIH Graduate Training Dental - Wilson	3,103.16
42153	NIH Graduate Training Arthritis and Metabolic Diseases - Hamwi	1,743.62
42154	NIH Graduate Training - Nutrition and Food Technology - Johnson	2,042.20
42159	NIH Undergraduate Training Psychiatry - Patterson	1,926.22
42160	NIH Cancer Training - Dental - Wilson	364.96
42164	NIH Cancer Training - von Haam	1,935.89
42172	NIH Undergraduate Training Clinical - Warren	2,349.93
42173	NIH Development Award - Smith - Hamlin	954.02
42174	NIH Development Award - Nielsen - Nelson	1,543.00
42175	NIH Child Development - Knobloch	3,426.01
42223	Public Health Service - McGiffert	335.56
42157	VRA Teaching and Training Physical Therapy - Woods	355.89
42161	VRA Speech Pathology and Audiology - Schlanger	1,114.53
42163	VRA Teaching Rehabilitation Medicine - Johnson	1,812.13

July 8, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education, and Welfare (continued)

42166	VRA Teaching Medical Sociology - Nagi	\$ 208.30
42025	OE Counseling and Guidance - Peters	177.19
42130	OE Counseling and Guidance Institute - Peters	17,752.00
42169	OE Summer Institute - Allen	9,948.00
42167	OE Summer Institute - Peters	4,212.00
	Total U. S. Department of Health, Education and Welfare	<u>\$144,559.51</u>

Other Federal Agencies

43005	AID - Secondary Education - India	\$ 24,447.34
43011	AID - Agriculture - India	11,389.69
43003	AID - Service Charge - India	1,962.00
43017	Veterans Administration - 10%	127.55
43037	ROTC - Curriculum Study	5,740.47
43027	OASI - Rehabilitation Center	14,000.00
	Total Other Federal Agencies	<u>\$ 57,667.05</u>

Miscellaneous

31067	Ford Foundation - Herson	\$ 550.95
31076	A. E. Staley Mfg. Co.	300.00
31082	Rockefeller Institute - Vorys	704.00
31090	Alfred P. Sloan Foundation - Gaines	1,125.00
31037	Continental Casualty Co.	13,121.50
	Total Miscellaneous	<u>\$ 15,801.45</u>

Grand Total	<u><u>\$240,520.65</u></u>
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Upon motion of Mr. France, seconded by Mr. Allyn, the Board of Trustees by unanimous roll call vote approved the transfer of the above amounts to Account 179999, University Treasurer General Fund.

B. Appropriation for Purchase of Research Equipment

At the request of the Vice President for Research and with the approval of the Vice President for Business and Finance, it is recommended that a sum not to exceed \$5,395.00 be appropriated from the University Treasurer Research Subaccount (a) to the Department of Speech under the direction of Professor John Black for the purchase of an integrating digital voltmeter (\$3,720.00) and a century oscillograph (\$1,675.00) for use in research in phonetics.

Upon motion of Mr. Ketterer, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

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July 8, 1965 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, it is recommended that the Extra and Credit Orders to Contracts as outlined below be approved by the Board of Trustees.

A. Drackett Tower

General Contract (Supplemental Agreement)

It is recommended that the following changes be made:

1. Because of the abandonment of West Frambes Avenue, certain changes and omissions in work were necessary in the site improvement portion of the contract. Deduct \$2,690.00.
2. Omit the concrete walk along Lane Avenue, two concrete approaches and two curb sections between this walk and the street since the City of Columbus has agreed to do this work. Deduct \$665.00.
3. After the change in plans for the new sidewalks, certain adjustments were necessary in the existing asphalt drives. Add \$65.00.

Net deduction    \$3,290.00

This project is funded from the Dormitory Construction Fund.

B. Electrical Engineering Research Facilities

The exterior windows in Rooms 214 (2A), 216 (2B) and 230 (2C) were eliminated by this building addition and ventilation in these existing rooms is required.

It is recommended therefore that the following changes be made:

1. Heating, Ventilating, and Air Conditioning Contract.  
Provide ventilation in accordance with revised drawings. Add \$2,785.00.
2. General Contract. Provide all general work in connection with new ventilation. Add \$786.00.

Net addition    \$3,571.00

This project is funded from a National Science Foundation Grant, the University Treasurer Research Account, and Item 003, S. B. 370.



July 8, 1965 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

C. Summary of Extra Orders Approved by the President

On October 12, 1962, the Board of Trustees authorized the President to approve all individual change orders on projects where said orders do not exceed \$500.00 each, with the understanding that such actions thus taken are to be reported to the Board upon completion of each of the respective projects and that the said reports should be in total amounts and not in detail. Therefore, a summary of the change orders which have been approved by the President, as authorized by the Board of Trustees, is hereby reported for the following projects:

Food Facility, Phase I - Budget Account 86291	\$ 1,509.50
Food Facility, Phase II - Budget Account 86291	2,014.90
Additions and Alterations to George Wells Knight International Student Center - Budget Account 91030	376.00
Stadium Press Box Elevator - Budget Account 9900	1,141.70
Addition to Antenna Laboratory - Budget Account 91019	1,334.00
Housing for Metallurgical and Mineralogical Laboratories - National Science Foundation Funds	1,368.50
Repairs to Southeast Tower - Ohio Stadium - Budget Account 91038	3,954.00
Remodel Highway Testing Laboratories - Item 022 - Senate Bill 370	1,177.40
Student Housing Building No. 12 (Drackett Tower) - Budget Account 91018	535.00
Total Change Orders on Above Projects	<u>\$13,411.00</u>

Upon motion of Mr. France, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

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VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it is recommended that the plans and specifications, bills of materials, and estimate of cost for the following project be approved by the Board of Trustees:

A. Upham Hall - Repairs to Auditorium

This project includes interior repairs and revision of the electrical system including the sound system.

Funds for this project will be provided from the Hospital Rotary.

Upon motion of Mr. Dargusch, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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July 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board.

A. Main Library - Third Floor Addition in Main Reading Room (Phase I)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Steelwork Contract</u>		
(1 bid received 6-10-65)		
J. T. Edwards Co. (Columbus)		
Base Bid	\$ 42,835.00	\$ 41,500.00
Substitute Bid: Extend Joist Delivery		
Two Weeks	- 1,345.00	
Alt. SW-1 Metal Deck in Place	2,142.00	2,500.00
Alt. SW-2 Move Items Stored in		
Basement	385.00	400.00
Total Contract	<u>\$ 44,017.00</u>	<u>\$ 44,400.00</u>

Funds for this project will be provided from the Maintenance Account, H. B. 711.

B. Installation of New Heating Boiler to Carry Medical Center Load

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 6-11-65)		
Kautz Construction Co. (Columbus)		
Base Bid	\$ 37,992.00	\$ 35,400.00
<u>Mechanical Contract</u>		
(4 bids received 6-11-65)		
Limbach Company (Columbus)		
Base Bid	\$ 94,600.00	\$ 182,500.00
Alt. #2-1 Underground Steam Line	26,150.00	35,000.00
Alt. #2-2 Alterations in Tunnel		
Piping to Provide for Steam Line	6,770.00	15,000.00
Alt. #2-3 Installation of 20,000 Gal.		
Oil Storage Tank for Standby Fuel	8,805.00	12,000.00
Total Contract	<u>\$ 136,325.00</u>	<u>\$ 244,500.00</u>
<u>Electrical Contract</u>		
(4 bids received 6-11-65)		
Electrical Contractors Inc. (Columbus)		
Base Bid	\$ 6,614.00	\$ 14,100.00
<u>Total Contracts</u>	<u>\$ 180,931.00</u>	<u>\$ 294,000.00</u>

Funds for this project are provided in Item 016, S. B. 370.

July 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Repairs in Electrical Systems

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 6-14-65)		
The Electric Power Equipment Co. (Columbus)		
Base Bid	\$ 35,769.00	\$ 63,000.00
Alt. E-1 Hamilton Hall Corridors	13,272.00	14,000.00
Alt. E-2 Physical Education Building Gymnasium	6,534.00	8,000.00
Total Contract	<u>\$ 55,575.00</u>	<u>\$ 85,000.00</u>

Funds for this project will be provided from the Maintenance Account,  
H. B. 711.

D. Chemistry Research Facilities

On June 10, 1965, the Board of Trustees approved the award of the following Contracts including several deductive alternates: General; Laboratory Equipment; Heating, Ventilating, and Air Conditioning; and Electrical. The Plumbing Contract was subsequently readvertised with bids received on June 16. After a thorough analysis of the bids received for the Plumbing Division together with the low bids received on the other divisions earlier, the Director of Public Works of the State of Ohio revised his recommendation for award of contracts; and it is therefore recommended that the action taken by the Board of Trustees on June 10 regarding this project be rescinded and that award of contracts be approved as follows:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 6-4-65)		
Robert Setterlin and Sons Co. (Columbus)		
Base Bid	\$ 393,400.00	\$ 475,345.00
Alt. G-1 Omit Asphalt Paving	- 1,000.00	- 1,400.00
Total Contract	<u>\$ 392,400.00</u>	<u>\$ 473,945.00</u>

<u>Laboratory Equipment Contract</u>		
(2 bids received 6-4-65)		
Hamilton Manufacturing Co. (Two Rivers, Wisconsin)		
Base Bid	\$ 223,100.00	\$ 225,500.00
Alt. EQ-3 Omit Listed Items	- 80,227.00	- 73,577.00
Total Contract	<u>\$ 142,873.00</u>	<u>\$ 151,923.00</u>

<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 6-4-65)		
The Kuempel Co. (Columbus)		
Base Bid	<u>\$ 303,970.00</u>	<u>\$ 310,533.00</u>

July 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Chemistry Research Facilities (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 6-4-65) Mid-City Electric Co. (Columbus)		
Base Bid	\$ 134,679.00	\$ 143,843.00
<u>Plumbing Contract</u> (3 bids received 6-16-65) Duckworth Plumbing & Heating Co. (Columbus)		
Base Bid	\$ 354,159.00	\$ 485,000.00
<u>Total Contracts</u>	<u>\$1,328,081.00</u>	<u>\$1,565,244.00</u>

Funds for this project will be provided from Item 010, S. B. 370.

E. Pulsed Van de Graaff Accelerator Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 6-16-65) Robert W. Setterlin & Sons (Columbus)		
Base Bid	\$ 41,230.00	\$ 62,130.00
<u>Plumbing, Heating, and Air Conditioning Contract</u> (4 bids received 6-16-65) The Kuempel Co. (Columbus)		
Base Bid	9,240.00	11,445.00
<u>Electrical Contract</u> (3 bids received 6-16-65) McCarty Bros. Electric Co. (Columbus)		
Base Bid	5,470.00	5,225.00
<u>Total Contracts</u>	<u>\$ 55,940.00</u>	<u>\$ 78,800.00</u>

Funds for this project are provided from Item 029, S. B. 370, and  
Account 813 (601), H. B. 711.

July 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

F. Ohio Union - West Terrace Dining Room Expansion

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 6-17-65)		
E. J. Will & Co. (Columbus)		
Base Bid	\$ 85,123.00	\$ 95,000.00
Alt. G-1 Automatic Door Closers	1,833.00	2,000.00
Alt. G-2 Screen Walls	2,548.00	2,000.00
Alt. G-3 Parquet Flooring	218.00	300.00
Total General Contract	<u>\$ 89,722.00</u>	<u>\$ 99,300.00</u>
<u>Air Conditioning Contract</u>		
(3 bids received 6-17-65)		
O'Brien Plumbing & Heating Co. (Columbus)		
Base Bid	<u>\$ 39,300.00</u>	<u>\$ 45,000.00</u>
<u>Plumbing Contract</u>		
(1 bid received 6-17-65)		
Bruner Corp. (Columbus)		
Base Bid	\$ 4,522.00	\$ 6,000.00
Alt. P-1 Door Operator Service	563.00	400.00
Total Plumbing Contract	<u>\$ 5,085.00</u>	<u>\$ 6,400.00</u>
<u>Electrical Contract</u>		
(3 bids received 6-17-65)		
Claggett Electric Co. (Columbus)		
Base Bid	\$ 31,250.00	\$ 40,000.00
Alt. E-1 Door Operator Service	30.00	100.00
Total Electrical Contract	<u>\$ 31,280.00</u>	<u>\$ 40,100.00</u>
<u>Total Contracts</u>	<u>\$ 165,387.00</u>	<u>\$ 190,800.00</u>

Funds for this project will be provided from the Ohio Union Rotary.

G. Repairs to Floors

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 6-28-65)		
B & T Carpet and Linoleum Co. (Columbus)		
Base Bid	\$ 15,068.00	\$ 20,000.00

Funds for this project will be provided from the Maintenance Account in H. B. 200.

July 8, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

H. Physiological and Experimental Psychology Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (9 bids received 6-25-65) Pendleton Construction Co. (Columbus)		
Base Bid	\$ 24,470.00	\$ 20,300.00
<u>Heating and Ventilating Contract</u> (4 bids received 6-25-65) Eastern Plumbing & Heating, Inc. (Columbus)		
Base Bid	\$ 11,586.00	\$ 8,500.00
Alt. HV-1 Air Conditioning Piping	525.00	1,750.00
Total Contract	\$ 12,111.00	\$ 10,250.00
<u>Plumbing Contract</u> (4 bids received 6-25-65) Eastern Plumbing & Heating, Inc. (Columbus)		
Base Bid	\$ 4,798.00	\$ 4,500.00
<u>Electrical Contract</u> (3 bids received 6-25-65) Mid-City Electric Co. (Columbus)		
Base Bid	\$ 4,900.00	\$ 3,400.00
<u>Total Contracts</u>	<u>\$ 46,279.00</u>	<u>\$ 38,450.00</u>

Funds for this project will be provided from Budget Accounts 801043 and 801044.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplished the following purpose:

- 167 Approves the expenditure of \$22,500.00 from the Maintenance Account in H. B. 711 for the project "Improvements of Fire Alarm Systems."
- 169 Approves the expenditure of \$15,550.00 from Item 030, S. B. 370, for the project "Utility Extensions Northeast Corner of Campus--Storm Sewer Extension."
- 171 Approves the award of contracts without further competitive bidding, the transfer of \$133,500.00 from Item 002 to Item 008, S. B. 370, and release of this money and \$439,500.00 from Item 008 for the project "Aerodynamics and Missile Propulsion Laboratory."

July 8, 1965 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS (continued)

- 172 Approves the award of contracts without further competitive bidding and the release of \$3,209,240.00 from Item 014, S. B. 370, for the project "Pharmacy Building."
- 173 Approves the award of contracts without further competitive bidding and the release of \$1,776,315.00 from Item 018, S. B. 370, for the project "Plans and Buildings for Lima Branch."
- 174 Approves the award of contracts without further competitive bidding and the release of \$1,916,315.00 from Item 019, S. B. 370, for the project "Plans and Buildings for the Mansfield Branch."
- 175 Approves the award of contracts without further competitive bidding and the transfer and release of \$40,550.00 from Item 006 to Item 030, S. B. 370, for the project "Utility Services Extensions."
- 176 Approves the expenditure of \$62,270.00 from Item 006, S. B. 370, for the project "Construction of Curl Drive, Phase I."
- 177 Approves the award of contracts without further competitive bidding, the transfer of \$13,000.00 from Item 020 to Item 021, S. B. 370, and the release of \$314,890.00 in Item 021 for the project "Modernization of Orton Hall and Mendenhall Laboratory."
- 178 Authorizes 10-day advertising for the project "Pulsed Van de Graaff Accelerator Facility."
- 179 Approves the transfer of \$105,800.00 from Item 020 to Item 028, S. B. 370, and the release of this money for the project "Veterinary Clinic and Animal Hospital."
- 180 Approves the award of contracts without further competitive bidding, the transfer of \$13,950.00 from Item 006 to Item 024, the transfer of \$40,000.00 from Item 007 to Item 024, and the release of \$333,080.00 from Item 024, S. B. 370, and the expenditure of \$101,350.00 from the Maintenance Fund in H. B. 711 for the project "Modernization of Commerce and Administration Building (Page and Hagerty Halls)."
- 181 Approves the award of extra orders without further competitive bidding in the amount of \$40,081.57 for the project "Dayton Branch."
- 183 Approves the award of contracts without further competitive bidding and the release of \$2,494,640.00 from Item 007, S. B. 370, for the project "Engineering Classrooms and Laboratories."
- 184 Approves the expenditure of \$1,088,934.00 from Item 010, S. B. 370, for the project "Chemistry Research Facilities."
- 185 Approves the award of contract without further competitive bidding for the project "Demolition and Removal of Veterinary Clinic and Utility Storage Buildings."

July 8, 1965 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS (continued)

- 186 Approves the transfer and release of \$15,000.00 from Item 020 to Item 028, S. B. 370, to provide funds for the preparation of plans for the new Veterinary Clinic and Animal Hospital.
- 188 Approves the expenditure of \$4,000.00 from the Maintenance Fund in H. B. 711 for the project "Steel Work Contract of Main Library Improvements."
- 189 Approves the award of contract without further competitive bidding for the project "Installation of New Heating Boiler for the Medical Center."
- 190 Approves the transfer and release of \$74,749.95 from Item 016 to Item 015, S. B. 370, to provide funds for the purchase of property in the Medical Center area.
- 191 Approves the expenditure of \$60,000.00 from the Maintenance Fund, H. B. 711, for the project "Repairs in Electrical Systems."
- 192 Approves the award of contract without further competitive bidding for the project "Garage - Phase II, Paving."
- 194 Approves the award of contracts without further competitive bidding for the project "Van de Graaff Generator Addition to Evans Laboratory."

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Special Policeman Commission

At the request of the Vice President for Business and Finance, it is recommended that David Lee Boggs be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said Section, the Board of Trustees require Mr. Boggs, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. France, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote.

B. Dining Facility - Northeast, Employment of Engineer

At the May 13, 1965 meeting of the Board of Trustees, W. E. Monks was recommended for employment as the Mechanical Engineer for this project at a fee of 2.5 per cent of the cost of the mechanical and electrical work. This fee was based on the fact that this building was very similar to North Commons and the work was largely repetitive. Since then, changes and additions have been made in the work which require revised drawings and additional design work.



July 8, 1965 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Dining Facility - Northeast, Employment of Engineer (continued)

It is therefore recommended that the contract with W. E. Monks to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing; and electrical work for this project be processed to increase his fee to 3 per cent of the cost of the mechanical and electrical work or an estimated \$13,020.00.

This project is funded from the Dormitory Construction Fund.

Upon motion of Mr. France, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

C. Purchase of Property - Building and Five Lots, 162 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Baptist Foundation, Inc. and the Tenth Avenue Baptist Church at a price of \$100,000.00:

Property known as 162 West Tenth Avenue, being  
Lots Nos. 28, 29, 30, 31, and 32 of the John A.  
Evan's College View Addition, City of Columbus,  
County of Franklin, State of Ohio.

Purchase will be consummated as soon as funds are available from H. B. 202 or other authorized sources of funds designated for this purpose.

Upon motion of Mr. Davis, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

D. Purchase of Buildings and Property, 188 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Jessie M. and Mikhail Condoide at a price of \$20,000.00:

Property known as 188 West Tenth Avenue, being a  
50-foot tract off the west side of Reserve B, University  
Heights Addition, City of Columbus, County of Franklin,  
State of Ohio.

Purchase of this property will be consummated as soon as funds are available from H. B. 202 or other authorized sources of funds designated for this purpose.

Upon motion of Mr. Davis, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

E. Purchase of Buildings and Property, 138 West Ninth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Garnet G. Folden at a price of \$22,000.00:

Property known as 138 West Ninth Avenue, being  
Lot #48, William N. King's Second Subdivision,  
City of Columbus, County of Franklin, State of  
Ohio.

Purchase of this property will be consummated as soon as funds are available from H. B. 202 or other authorized sources of funds designated for this purpose.

Upon motion of Mr. Davis, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

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XI. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Robin Charles Burrell, Professor Emeritus in the Department of Agricultural Biochemistry. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board has been furnished the family of the deceased.

A. Robin Charles Burrell

The Board of Trustees expresses its sorrow at the death on June 7, 1965, of Robin Charles Burrell, Professor Emeritus in the Department of Agricultural Biochemistry.

Professor Burrell was born in Northfield, Ohio, March 14, 1896. He earned his B.S. degree at Mount Union College, where he graduated summa cum laude in 1918. He received his M.A. degree in 1921 and his Ph.D. degree in 1925 at The Ohio State University. During the period 1921-23, he was Associate Professor at the University of Richmond, Virginia. Immediately following the completion of his Ph.D. degree in 1925, he joined the faculty of the Department of Agricultural Chemistry (later called the Department of Agricultural Biochemistry) at The Ohio State University and advanced through the ranks to become Professor in 1940.

Professor Burrell and his students contributed significant knowledge to the understanding of plant biochemistry. This knowledge is described in approximately 30 publications appearing in scientific journals under Dr. Burrell's name. He was an exceptionally fine analytical chemist and much of his published research work relates new or improved analytical techniques for the estimation of plant constituents. Several of these techniques have remained in use by biochemists. Professor Burrell had a keen appreciation of plant metabolism and used radioactive isotopes to study this important area of biochemistry.

XI. RESOLUTION IN MEMORIAM (continued)

A. Robin Charles Burrell (continued)

In the classical sense, Dr. Burrell was a Professor. He was foremost a teacher--a teacher who loved students and who in turn was loved by them; a teacher who carefully and painstakingly collected knowledge and conveyed it successfully in a true didactic fashion to his students; and a teacher whose students have enjoyed success and who have frequently attributed significant parts of their understanding of their chosen fields of study to him. As a corollary to his teaching, he wrote several textbooks in biochemistry for class use. During his many years as a teacher at The Ohio State University in a field of study which caters to small classes, he had more than 10,000 students and was a preceptor for more than 20 doctoral candidates as well as innumerable master's degree students.

Dr. Burrell was a student of philosophy and in his own unique fashion carried the wisdom of this endeavor to his students and his colleagues. Not only was Professor Burrell a student of philosophy, but also he lived a well-planned life based upon what he considered the best of classical philosophy--perhaps the outstanding characteristics of that life was a sincere willingness to give of himself without the anticipation of gain.

Professor Burrell's service to his fellow scientists was exemplified by almost 30 years of service to Chemical Abstracts, during which time he abstracted eight journals (several in foreign languages).

Professor Burrell was a member of the American Chemical Society, the American Society of Plant Physiologists, the American Association for the Advancement of Science, Phi Lambda Upsilon, and Sigma Xi. He was also a Fellow of the American Institute of Chemistry. Professor Burrell was a member of the First Congregational Church and of several Masonic orders.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto

President Fawcett made the following statement:

Over a period of nine years I have given countless hours of agonizing thought to the manner in which this University might provide a full measure of academic freedom and still live within a framework of responsible stewardship in all work that it undertakes. A basic issue on which there has appeared to be a sharp disagreement is the matter of guest speakers who are invited to the campus to address groups on some political issues. This problem is not a new one, nor is the controversy that is generated by it limited to this campus.

July 8, 1965 meeting, Board of Trustees

**XII. REPORTS (continued)**

**A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto  
(continued)**

**President Fawcett's Statement Re Proposed Revision of Speakers Rule**

Since 1951 people whose lives have reflected deep dedication to the welfare of The Ohio State University have argued this subject with conviction. And what better place is there for debating such a fundamental issue than in the atmosphere of a university setting where controversy is part and parcel of the intelligent man's eternal struggle to seek truth? This is the stuff of which a real university is made.

Often in the long process through which change comes about in our system, tangential problems, personal biases, and dramatic incidents tend to cloud the central focus of an issue, and ultimate solution is thereby denied. During my first eighteen months as President much of my time was given to an effort to revise our policy on guest speakers through negotiations between the Board of Trustees and the Faculty Advisory Committee. The basic structure of our present rule is the outcome of those negotiations, although rule 21.09 has been amended twice since that time--both times at the suggestion of the Faculty Advisory Committee.

Since one of my principal responsibilities is to administer the University under the rules and regulations that exist, I have tried very hard to be faithful to my charge and have interceded only when actions proposed have appeared to be in clear violation of the rule.

According to estimates that have been made, about 4,000 speakers appear on this campus every year. From 1958 to 1962 the rule seemed to work quite effectively. Indeed this experience, as much as anything else, was responsible for the lifting of AAUP censorship from this campus. Since 1962 I have invoked the rule twice, and during this past spring Vice-President Weaver, in the proper discharge of his responsibility, acted in a case where a speaker clearly did not qualify under the rule. In each case action was taken only after careful study and consultation.

In recent controversies on this matter, I have noted that disagreement has centered more on the right of students to hear extremists express their views than on the right of the extremists to speak. Usually these disagreements have focused on whether or not a member of the Communist Party of the U. S. A. can appear and be challenged in his declarations by bright young men and women who are now a very real part of American life and who are eager to test their intellectual depth and breadth in the "market place" of political thought. Most of these students have achieved a substantial degree of maturity and, according to the best estimates I have seen, as many as 75% of our students feel strongly that a change in our speakers' rule is essential.

**XII. REPORTS (continued)**

**A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto**  
**(continued)**

**President Fawcett's Statement Re Proposed Revision of Speakers Rule**

From my own view, no political ideology is more abhorrent than that expounded by the Communists. Neither do I believe that the quality of the education received by students here is going to be advanced by a few students watching an occasional hard-core Communist hide cleverly behind the screen of academic freedom in an effort to create the impression that the Communist Party of the U. S. A. is respectable and deserving of acceptance on a national scale. Additionally, I might add, no valid subject that is appropriate to a university setting has been too controversial to discuss here, despite published statements to the contrary. Even the most militant reaction against our rule has seemed to have its genesis in a principle that has precluded the appearance of three or four people out of perhaps more than twenty-five or thirty thousand who have come and gone without incident.

The fact remains that The Ohio State University is one of the great universities of the world. Its work is conducted in association and often in competition with a large family of distinguished institutions engaged in undergraduate, graduate, and professional education and research. Evidence of this fact is our active membership in the CIC, AURA, MURA, AMU, AAU, IAU, and other scientific, scholarly, and professional groups. We work with the smaller universities in Ohio and with the Ohio College Association on such matters as are important to our common interest.

Consequently, as I see our problem, this University must be no less free than others to test ideas that flow from the frontiers of thought despite the fact that at times an idea may be highly controversial and even repulsive to our keener insights. Historically, ideas have been challenged on the campuses of great universities, and out of this quality of confrontation have evolved knowledge and values that have been useful to the advancement of civilization and to the improvement of our cherished way of life. Examples here are so obvious that none needs listing.

While I am on this subject, let me state that in my view Ohio State students are no less mature and no less capable of withstanding the onslaught of propaganda than those on the campuses of other large universities. Neither would I accept an accusation that members of our faculty are less responsible, less competent, or less dedicated to the American system than those on other campuses.

Yet at almost all of these institutions, speakers come and go either under a policy not very different from the one before you this morning or under no policy or rule at all except for such regulations as are required for essential housekeeping.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto  
(continued)

President Fawcett's Statement Re Proposed Revision of Speakers Rule

I must conclude, therefore, that whether or not our present rule is in the best interest of all higher education it is liable to question. Let me explain:

1. So long as the Federal and state governments permit people who are classed as subversives or who are suspected strongly of being allied with subversives to move about this country freely, enjoying all of the freedoms to which you and I are entitled, it seems to me that we set ourselves up as being over and above the law when we restrict, more severely than other great institutions restrict, the liberty of these persons. Their writings are published and circulated freely; they achieve exposure in one way or another on radio, through television, and in the public press. How can we place ourselves in a position that would appear to be somewhat in conflict with the practices of our Federal and state governments?
2. I have concluded, after long and exhaustive study, that the posture in which we find ourselves under the present rule (21.09) is one through which subversives and their ilk achieve exactly the kind of publicity for which they strive, and that we in a sense aid their cause by giving them an opportunity to gain the quality of exposure they seek. On many other campuses that operate under the kind of rule before you this morning controversial people appear, are heard by a very few people, and leave without having made much impact on anyone. Knowing that nothing spectacular will happen, the curiosity seekers stay home, the busy student proceeds with his work, the communications media simply report, and the institution gets on with its important work without undue interference or the unwarranted proliferation of the energies of its staff.

Here there is much commotion before the speaker appears; the student and faculty member, who otherwise would have little if any interest, rushes to the scene; and the drama quickens with each passing moment until the incident is past. The staff is engaged in countless hours of diverted energy that is needed for other tasks, and the residue of the incident lingers to draw attention away from the central purpose of the institution.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto  
(continued)

President Fawcett's Statement Re Proposed Revision of Speakers Rule

3. The faculty, students, and staff of this University, now dedicated to a new measure of quality and quantity at the graduate and professional levels, are just as capable of meeting the challenge that is posed by subversives as are those in other universities. The Faculty Advisory Committee has given freely of its time to seek a responsible solution to our problem. The proposal before you today, in response to your request of April 8, 1965, is the outcome of skillful study; careful analysis of material developed in hearings where students, faculty, and alumni presented views; debate in the best tradition of a democratic society; and compromise which marks the ultimate result of using procedures that are essential to finding the most acceptable solution to a problem on which people have honest difference of opinion.

Finally, I wish to pay tribute to our Faculty Advisory Committee, which has responded to your request of April 8, 1965, by engaging in a process outlined under the rules that govern the evolution of educational policy. The members of this Committee approached their task with the objectivity, the honesty, and the creativity that mark the true scholar. As they worked toward this deadline and as they consulted with Dr. Corbally, Dr. Weaver, and me, I was impressed by their determination not to be coerced into intemperate action by demonstrations, editorial comment, or intimidation.

They have presented to you a new speakers rule to be substituted for our present rule (21.09). This proposal has the strong support of the Faculty Council and the members of the President's Cabinet and I recommend its adoption, effective September 1, 1965. This effective date will provide time for the printing, circulation, and interpretation of the rule. I recommend further the revision of Rules 53.01, 21.01, 53.09, and 61.05 in accordance with the proposal submitted by the Faculty Advisory Committee, all of which have had wide circulation.

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July 8, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto (continued)

Mr. Allyn presented the following resolution and moved its adoption:

RESOLVED that Rules for the University Faculty numbered 21.09, 21.01, 53.01, 53.09, and 61.05 be repealed and of no further force and effect as of September 1, 1965.

BE IT FURTHER RESOLVED, coincident with the repeal, that the language proposed by the Faculty Advisory Committee to the President and Board of Trustees as attached hereto and made a part of this resolution shall then constitute new Rules 21.09, 21.01, 53.01, 53.09, and 61.05 to be in force and effect as of September 1, 1965.

Rules as Proposed by Faculty Advisory Committee

21.09. Guest Speakers\*

Section 1. It is the policy of the University to foster a spirit of free inquiry and to encourage the timely discussion of the broad range of issues which concern our nation, provided that the views expressed are stated openly and are subject to critical evaluation. Within our prevailing standards of decency and honesty, this policy shall be construed to mean that no topic or issue is too controversial for intelligent discussion on the campus. Restraints on free inquiry should be held to that minimum which is consistent with preserving an organized society in which change is accomplished by peaceful, democratic means.

Section 2. To this end, a student organization, after consultation with and prior approval of its faculty adviser, may invite guest speakers to the campus to address meetings (see Rule 61.05, Section 3), subject only to the following provisions:

- (a) Sponsorship must be by a recognized student organization.
- (b) Arrangements for the use of University facilities must be made in accordance with Rules 53.09 and 61.05.
- (c) It must be made clear that the student organization, not the University, is extending the invitation and that any views the speaker may express are his own and not those of the University.
- (d) The student organization must take whatever steps are necessary to insure that the meeting is conducted in an orderly manner.

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\*Rule initiated by Board of Trustees.



XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto (continued)

21.09. Guest Speakers\* (continued)

- (e) The student organization must provide means for critical evaluation of the speaker's view, which must include as a minimum, an open question period following the speaker's presentation.
- (f) The student organization must comply with any and all conditions for the orderly and scholarly conduct of the meeting as prescribed by the Faculty Advisory Committee to the President and the Board of Trustees in accordance with Section 3 of this Rule.

Section 3. In a situation attended by extreme emotional feeling, the Faculty Advisory Committee to the President and the Board of Trustees shall prescribe conditions for the orderly and scholarly conduct of the meeting but may not select the speaker or topic. Such conditions may include, but are not necessarily limited to: designating a member of the tenured University Faculty as chairman; limiting attendance to students, faculty, and staff; requiring the inclusion of one or more additional speakers at the meeting in question or at a subsequent meeting so that other points of view may be expressed; or requiring a debate format in which the speaker debates with a qualified opponent.

The Committee shall function on its own initiative or at the request of any of the following: the sponsoring student organization, its Faculty Adviser, the Faculty Council, the Council on Student Affairs, the President of the University or his designated representative.

Section 4. A speaker invited by a student organization must not advocate action or urge the audience to take action which is illegal under the laws of the United States, the State of Ohio, or which is prohibited by the rules of the University. It is the responsibility of the student organization to inform speakers in writing of this prohibition.

Section 5. The maximum penalties to be assessed against a student organization for a failure to observe the provisions of Section 2 or for sponsoring a speaker who violates the prohibition of Section 4 of this rule shall be (a) for a single violation (including, as a single violation, multiple violations relating to the same meeting) in any academic year, suspension of the right of the student organization to invite a guest speaker to the campus for a twelve months' period and (b) for more than one violation in any academic year, termination of the student organization's recognized status. Charges that a student organization has violated

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\*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto (continued)

21.09. Guest Speakers\* (continued)

this rule shall be investigated through a hearing before the Council on Student Affairs, at which the rights of representation, submission of evidence, and the introduction of witnesses shall be granted, and a permanent record be kept if the student organization undertakes to pay the costs of such record. The Council on Student Affairs shall make findings of fact and such recommendations as it may deem appropriate and submit these to the President, who shall have final authority to determine whether the charges have been sustained and to impose the appropriate penalty.

Students, either as individuals or as members of recognized student organizations, who act in violation of the provisions of this rule shall be subject to the disciplinary procedures and actions outlined in Rule 51.01 and in Section 1 of the Student Handbook of Rules and Regulations, "General Regulations for all Students--Administration of Conduct and Discipline."

Section 6. Faculty and other entitled to sponsor a meeting involving the use of University facilities (see Rule 61.05) shall observe this rule.

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21.01. Academic Freedom and Responsibility\*

Section 1. The Ohio State University favors the fullest academic freedom consistent with its educational program and with national security. It believes that steadfast adherence to the principles of free discussion and investigation, with correlative responsibility, is the cornerstone of such an institution in a free society; that the continued strength of the educational process depends upon an unqualified dedication to our traditional freedoms and the preservation of the moral and intellectual integrity of the teacher. In the United States, in contrast to much of the world where doctrinaire propaganda, officially stated and enforced, is substituted for freedom of individual thought and expression, the molding of the lives of young people outside the family circle is largely entrusted to the church and the school, and this University holds inviolate the essential rights of the teacher. Honesty and objectivity, however, must always be cardinal principles in teaching, and only those who are free in conscience have the right to teach in a university which is founded upon the principle of intellectual integrity.

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\*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto (continued)

21.01. Academic Freedom and Responsibility\* (continued)

Section 2. A teacher, regardless of tenure in The Ohio State University, is entitled to freedom of research and publication, of classroom discussion of all matters relevant to the subject matter of his course, and of expression of opinion as a citizen, subject to the obligation to be accurate and to exercise appropriate restraint in accordance with the standards of his learned profession.

The teacher's privileges imply correlative responsibilities. In addition to maintaining those standards of competence set forth as minima for his rank, and particularly those relating to scholarship and teaching ability, the teacher also has the obligation to maintain the proper attitude of objectivity, conscientious industry and cooperation with his associates and the University. Further, he has the responsibility to refrain from introducing into his teaching controversial matter unrelated to his subject; and in making public statements, he has the responsibility to make it clear that he is not an institutional spokesman.

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53.01. Organized Activities\*

The Executive Dean for Student Relations shall promulgate rules governing all organized activities (including social functions) which are University connected and in which students or the wives of students participate.

These rules shall include a requirement that each recognized organization shall have an Adviser, selected by the student organization from members of the tenured University Faculty. Exceptions to the requirement that the Adviser be a tenured member of the University Faculty may be made by the Council on Student Affairs. The Adviser in accepting the appointment, agrees to maintain contact with the organization so as to be familiar with its program and personnel. In addition, the Adviser shall be responsible for advising the organization as to its program and personnel, having in mind not only the objectives of the particular group but also the purposes of the University, one of which is to foster a spirit of free inquiry in a setting which provides for open-minded, objective, and critical evaluation of the ideas expressed.

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\*Rule initiated by Board of Trustees.

**XII. REPORTS (continued)**

**A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto  
(continued)**

**53.09. Student Use of University Buildings\***

Section 1. University facilities assigned to a student organization shall be used only for the usual activities of such student organization. If a student organization desires to use University facilities, which facilities have been assigned to the organization, for purposes other than its usual activities, it shall request permission for such use from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

Section 2. No student, group of students, or student organization may announce a meeting involving the use of University facilities or use University facilities for a meeting, unless permission for such use has been obtained from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

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**61.05. University Facilities\***

Section 1. University facilities may be scheduled and used only if the meeting is sponsored by at least one of the following:

- (a) the University,
- (b) an administrative unit of the University,<sup>1</sup>
- (c) the President or a member of his Cabinet,
- (d) a member of the University Faculty,
- (e) a club or committee of University faculty members, University staff members, or their wives, or
- (f) a recognized student organization (see Rule 53.01).

Section 2. The Executive Dean for Admissions and Registrations shall be responsible for the scheduling of and shall have the necessary authority to schedule all University facilities. (See Rule 11.1107.) No meeting shall be scheduled in or announced for any University facility unless permission to use the facility has been obtained in advance from the Executive Dean for Admissions and Registrations. All requests for the use of University facilities shall indicate the nature of the proposed meeting. If the proposed meeting is one to which a guest speaker is to be invited, the request for the use of University facilities shall indicate the

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\*Rule initiated by Board of Trustees.

<sup>1</sup>This includes, but is not limited to, the Graduate School, a College, Department, School, Institute, and Bureau.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto  
(continued)

61.05. University Facilities\* (continued)

name of the guest speaker and shall be submitted to the Executive Dean for Admissions and Registrations at least two weeks prior to the date the meeting is to be held, but such two-week period may be waived by the Executive Dean for Admissions and Registrations if the exigencies of the situation so require and the orderly scheduling of University facilities would not be unduly prejudiced. (See Rule 21.09.)

Section 3. The word "meeting," as used in Rule 21.09, 53.09, and 61.05, means any meeting using University facilities to which the faculty, staff, students, or public is invited, except:

- (a) regularly scheduled University courses,
- (b) conferences approved under University procedures, and
- (c) meetings of state, regional, national, or international organizations approved under University procedures.

Section 4. The responsibility and authority of the Executive Dean for Admissions and Registrations under this Rule may be delegated by him to a member of the University Faculty or of the staff of this University.

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\*Rule initiated by Board of Trustees.

Mr. Davis seconded the motion that the above resolution be adopted.

Mr. Bricker then made the following statement:

The Faculty Advisory Committee, the Administration, and the Board of Trustees have worked conscientiously and cooperatively in an effort to resolve the problems concerning the speakers rule. So far as I am concerned, most problems have been resolved and only two major questions of difference remain. They are: (1) the matter of administrative responsibility, and (2) the types of speakers who may be invited to the campus. I hope that the cooperative efforts will continue.

I know that I am in disagreement with some when I state my philosophy that Communists, Nazis and Facists, and members of other subversive organizations, and their supporters, have no right to speak at a tax-supported state university, for they are not free men, and hence, are incapable of the objectivity which must attach to all speakers at a state university.

XII. REPORTS (continued)

A. Report on "Guest Speakers" Rule 21.09 and Faculty Rules Related Thereto (continued)

Mr. Bricker's Statement Re Proposed Revision of Speakers Rule

Either I am right about this--or our Nation is wrong--in the prosecution of our case in Viet Nam, in our opposition to Castro, and to Communist and other subversive powers, generally.

My devotion to my Country, and my unswerving opposition to Communists, Nazis, Facists, and other subversives, and their supporters, at Ohio State, and elsewhere, have never been questioned. I will not change now, even though to do so might be popular in some areas. Every man must, however, live with his own conscience, and so far as I am concerned, there will be no Communists, Nazis, Facists, or other subversives, or their supporters, teaching or speaking at Ohio State while I am on the Board, if I can prevent it.

Let there be no implication that any member of this Board, Administration, or Faculty is in favor of Communism or any other subversive organizations. It is only a difference of interpretation of our methods of accomplishment.

Also incidental to this issue, we have been requested by the Attorney General of Ohio, who is the attorney for this Board and The Ohio State University, that we make no change in the rule pending the outcome of the court case in the Federal court to force this University to permit speakers on campus. Since this case was brought by the opposition, we have no control over it. This will test whether this Board of Trustees has power to make the rules for the University or whether it is to be done by those from outside the University.

Upon the request of the Chairman, the Secretary then read the proposed Rule 21.09.

Upon a roll call vote, Messrs. Allyn, Davis, and Loop voted affirmatively to adopt the resolution offered by Mr. Allyn. Messrs. Bricker, Dargusch, Ketterer, Jones, and France voted negatively. The Chairman ruled the motion defeated.

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated June 30, 1965, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

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July 8, 1965 meeting, Board of Trustees

Thereupon the Board adjourned to meet Tuesday, September 14, 1965, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at nine o'clock.

Attest:

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John T. Mount  
Secretary

\_\_\_\_\_  
Alan B. Loop  
Chairman

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APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

August 27, 1965

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## RECIPIENTS OF HONORS

### JAMES E. POLLARD

#### THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Author, teacher, meticulous research scholar, former  
University Historian and Director of the School of Journalism*

James E. Pollard has earned a place in University history alongside the great leaders whose deeds he has chronicled so well. For more than half of Ohio State's history, he was witness to and participant in the events which shaped its course. Who better to serve as the first University Historian than a man with James Pollard's keen sense of history, his grasp of detail, and his scholarly dedication and fidelity to the record?

Professor Pollard holds three degrees from Ohio State. He served as a teaching assistant in political science during 1920-21, as Director of the News Bureau from 1923-33, and as a member of the School of Journalism faculty from 1935-58, including 20 years as Director of the School. His national leadership in journalism education found expression through a range of professional organizations, several of which he served as president.

Author of more than a dozen books, Professor Pollard is widely recognized for his research and writings, notably in history and newspaper law. He is a leading authority on the relations of U. S. presidents with the press. His book on that subject received the 1947 Sigma Delta Chi Distinguished Service Award for research in journalism and in 1963 was included in the White House reference collection.

All who have known James Pollard have been endowed with the warmth of his personality and inspired by his loyalty to Ohio State. He has been a gentle conscience who would not let his University forget its heritage or its debt to the past.

## G. E. TENNEY

### THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Energetic businessman, faithful alumnus, and tireless worker  
for the welfare of the University*

G. E. Tenney has made the advancement of The Ohio State University his personal mission. For 50 years, this dynamic alumnus has applied the enthusiasm of the undergraduate and the efficiency of the business executive to a host of major assignments in behalf of Ohio State.

Mr. Tenney's University service has included the national presidency (1941-1943) of The Ohio State University Association; two five-year terms as a member of the Alumni Advisory Board, representing the College of Engineering; alumni representative on the Board of Directors of the University's Research Foundation; member of the Board of Governors of the Cleveland Alumni Club; and Development Fund chairman for several Chicago-area campaigns. In 1963, he served as voluntary coordinator of the alumni effort in central Ohio in support of State Issue No. 1, a \$250-million bond issue primarily for higher education.

From his earliest days as a student, "Pink" Tenney has displayed an unusual devotion to his alma mater and a dedication to its betterment. He climaxed a highly successful undergraduate career by being elected president of the Class of 1915, and he has since guided that class through two outstanding reunions—the 25th and the 50th.

Mr. Tenney's contributions in behalf of Ohio State are but one facet of his productive life. He was associated with the Lincoln Electric Company for 29 years, and after his retirement, he organized GET, Inc., an administrative consulting firm.

ROBERT M. ZOLLINGER

THE JOSEPH SULLIVANT MEDAL AWARD

*Internationally acclaimed general surgeon and teacher of surgery*

Dr. Robert M. Zollinger, Professor and Chairman of the Department of Surgery of The Ohio State University, is a colossus among the figures of 20th Century surgery. He represents the bridge between the surgical czars of the past and the masters of present-day surgery who head team endeavors.

Sustained effort, with exacting demands on himself, his colleagues, and his students, has characterized his brilliant career and has been the catalyst which has carried him to international renown. His peers have recognized his distinguished contributions by naming him president of the American College of Surgeons, as well as by selecting him to head every major group in the United States.

He is editor of the *American Journal of Surgery* and co-author of two textbooks, the *Atlas of Surgical Operations* and the *Textbook of Surgery*, which are known to almost every student of surgery. In addition, he has written some 200 articles and is known for delineating the Zollinger-Ellison syndrome.

Dr. Zollinger received his pre-medical and medical degrees from Ohio State. Other universities, namely Western Reserve and Harvard, also played significant roles in his life. He took part of his surgical training in Cleveland and began his academic career at Harvard.

During World War II, he served as commanding officer of the Fifth General Hospital and later as senior consultant on general surgery of the European Theater of Operations. He rose to the rank of colonel and was awarded the Legion of Merit. In 1946, he returned to Ohio State as Professor of Surgery and became Chairman of the department in 1947.

Dr. Zollinger has brought great honor to his University. Earlier this year he was named an honorary fellow of the Royal College of Surgeons of England and also received an honorary doctorate from the University of Lyon, France. More recently he was one of three noted Ohio State faculty members who were chosen by the Ohio Board of Regents as the first Regents' Professors at any State university in Ohio.

# GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

## Doctor of Philosophy

- Ahmed El-Mahdi Abdel-Halim, B.A. (Cairo University); M.A. (Ain Shams University).....Cairo, Egypt  
*Dissertation: An Intersystem Model for Curriculum Theory and Practice*  
*Field of Specialization: Education*
- Fred Paul Abramson, A.B. (Western Reserve University).....Columbus  
*Dissertation: Kinetics of the Radiolysis of Chloroform: Combined Effects of Dose Rate and Temperature*  
*Field of Specialization: Chemistry*
- David Lee Angus, B.Sc. in Edu., M.A.....Findlay  
*Dissertation: The Dropout Problem: An Interpretive History*  
*Field of Specialization: Education*
- Wilfred Randolph Ball, B.S. (Morehouse College); M.S. (Atlanta University).....Scotlandville, La.  
*Dissertation: The Determination of Erythrocyte Survival and Some Aspects of Iron Metabolism in Chickens Infected with Plasmodium gallinaceum*  
*Field of Specialization: Zoology*
- Paul Jerald Bangham, B.A., M.A.....London  
*Dissertation: Samuel Phelps's Production of Richard III: An Annotated Prompt Book*  
*Field of Specialization: Speech*
- William Henry Banks, Jr., B.S. (University of Louisville); M.S. (University of Tennessee).....Lexington, Ky  
*Dissertation: Practices in the Preparation of Elementary Teachers for the Teaching of Science*  
*Field of Specialization: Education*
- Donald Edward Barrick, B.E.E., M.Sc.....Tiffin  
*Dissertation: A More Exact Theory for the Scattering of Electromagnetic Waves from Statistically Rough Surfaces*  
*Field of Specialization: Electrical Engineering*
- Dennis Dean Bell, A.B. (Defiance College); M.A.....Wharton  
*Dissertation: Superintendents' Perceptions of the Effectiveness of Their Administrative Organizations*  
*Field of Specialization: Education*
- Konrad Biedermann, B.Sc. in Agr., M.Sc.....Westboro  
*Dissertation: Regional Loan Rate Differentials for Wheat*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Gary Edwin Booth, B.S. (Eastern Kentucky State College) ..Campton, Ky.  
*Dissertation: Conformational Analysis in Bicyclic Systems*  
*Field of Specialization: Chemistry*
- Joseph Jay Braun, B.A. (University of Oregon); M.A.....Skagway, Alaska  
*Dissertation: The Role of the Neocortex in Visual Placing Behavior in the Rat*  
*Field of Specialization: Psychology*
- Timothy Dennis Cavanagh, B.A., M.A. (Sacramento State College) Sacramento, Calif.  
*Dissertation: The Junior College Mathematics Curriculum*  
*Field of Specialization: Education*

- Wayne Arthur Chess, A.B. (Miami University); M.A. in Soc.Adm. <sup>Warren</sup>  
*Dissertation: The Influence of Social Class on the Selection of Patients for Treatment in Ohio's Mental Health Clinic Program*  
*Field of Specialization: Social Work*
- Robert Lee Childers, B.S., M.S. (West Virginia University) <sup>Parkersburg, W. Va.</sup>  
*Dissertation: Attempted Syntheses of New Phenanthrenequinones*  
*Field of Specialization: Chemistry*
- William Earle Clausen, B.S. (Lehigh University); M.Sc.....Beaver, Pa.  
*Dissertation: The Approximate Analysis of Shallow Spherical Shells with Holes*  
*Field of Specialization: Engineering Mechanics*
- Alden Partridge Colvocoresses, B.S. (University of Arizona); M.Sc. <sup>San Diego, Cal.</sup>  
*Dissertation: A Unified Plane Coordinate Reference System*  
*Field of Specialization: Geodetic Science*
- David Lee Costill, B.S. Ed. (Ohio University); M.Ed. (Miami University) <sup>Cuyahoga Falls</sup>  
*Dissertation: The Effects of Water Temperature on Oxygen Consumption, Rectal Temperature, and Heart Rate During Strenuous Exercise*  
*Field of Specialization: Physical Education*
- Michael Nicholas Cutsumbis, B.A., M.A.....Warren  
*Dissertation: Level of Aspiration and Social Stress*  
*Field of Specialization: Sociology*
- Constantine Danellis, B.Sc. in Bus. Adm., M.B.A.....Athens, Greece  
*Dissertation: The Development of Financial Management Literature (1895-1960)*  
*Field of Specialization: Business Organization*
- Paul Mason Daniel, B.S. in Ed. (University of Cincinnati); M.S. <sup>(Miami University).....Oxford</sup>  
*Dissertation: The Dynamics of the Benthic Fauna of Acton Lake in Hueston Woods State Park, Ohio*  
*Field of Specialization: Zoology*
- Edward Eugene Darrow, B.S. Agr. (Purdue University); M.Sc...Columbus  
*Dissertation: The Structure of the Agricultural Long-Term Credit Market in Ohio*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Thomas Edward Drabek, B.A. (University of Denver); M.A...Denver, Colo.  
*Dissertation: Laboratory Simulation of a Police Communication System Under Stress*  
*Field of Specialization: Sociology*
- Louis Gene Ecker, B.S. in Ed., M.A. in Ed. (Ball State Teachers College) .....Columbus  
*Dissertation: The Status and Projection of a Teacher Education Program in Power Technology*  
*Field of Specialization: Education*
- Philip Chalfant Ensley, B.A. (Ohio Wesleyan University); M.A. <sup>Des Moines, Ia.</sup>  
*Dissertation: The Political and Social Thought of Elmer Davis*  
*Field of Specialization: History*

- Robert Earl Fenton, B.E.E., M.Sc. .... Cleveland  
*Dissertation: Driver-Automobile Interfaces*  
*Field of Specialization: Electrical Engineering*
- Anthony Foris, B.Sc. .... Columbus  
*Dissertation: An Investigation of the Analytical Properties of 8-Aminoquinoline*  
*Field of Specialization: Chemistry*
- Edison Rudolph Fowlks, B.S. in Agr. (Prairie View Agricultural and Mechanical College of Texas); M.S. (Michigan State University) Terrell, Tex.  
*Dissertation: Sterols in Relation to the Inhibition of Fungi by Nystatin*  
*Field of Specialization: Botany*
- Thyrsa Anne Frazier, A.B. (Antioch College); M.A. .... Xenia  
*Dissertation: On the Product of Absolutely Continuous Transformations of Measure Spaces*  
*Field of Specialization: Mathematics*
- Bruce Ralph Fretz, A.B. (Gettysburg College); M.A. .... Chalfont, Pa.  
*Dissertation: Movements in a Counseling Dyad*  
*Field of Specialization: Psychology*
- Patrick Joseph Gaffney, Jr., B.Sc., M.Sc. (National University of Ireland) Cork, Ireland  
*Dissertation: Distribution, Purification, and Kinetic Behavior of Components of the Lipase System of Skim Milk*  
*Field of Specialization: Dairy Technology*
- Harold Louis Gegel, B.S. (University of Illinois); M.Sc. .... Marissa, Ill.  
*Dissertation: The Effect of Impurities on Recovery in Quenched Gold*  
*Field of Specialization: Metallurgical Engineering*
- Henry Collins Graham, B.S., M.S. (Alfred University) .... Fairborn  
*Dissertation: Particle Size Dependence of the Electrical Conductivity of NaCl*  
*Field of Specialization: Ceramic Engineering*
- Algird Alfons Grybas, A.B., A.M. (University of Michigan) San Jose, Calif.  
*Dissertation: The Effect of Commitment on Attitude Change in Oral Communication*  
*Field of Specialization: Speech*
- Tamara Kern Hareven, B.A. (Hebrew University); M.A. (University of Cincinnati) .... Haifa, Israel  
*Dissertation: The Social Thought of Eleanor Roosevelt*  
*Field of Specialization: History*
- Thelma Moore Harmond, B.S. (Fort Valley State College, Georgia); M.Ed. (Atlanta University) .... Vidalia, Ga.  
*Dissertation: The Use of Selected Technical Language as a Means of Discovering Elementary Teachers' Operational Definitions of Teaching*  
*Field of Specialization: Education*
- William Neil Hatfield, B.S. in Edu. (Eastern Illinois University); M.A. (Southern Illinois University) .... Centralia, Ill.  
*Dissertation: The Effect of Supplemental Training on the Achievement in Ninth Grade French of Students Weak in Sound Discrimination and Sound-Symbol Association Skills*  
*Field of Specialization: Education*
- Thomas G. Hayes, B.A. (Washington and Jefferson College); M.A. (Western Reserve University) .... Dunns Station, Pa.  
*Dissertation: The Embryonic Development of the Ellipsoid Sheath as It Occurs in the Dog Spleen*  
*Field of Specialization: Anatomy*



- Peter Leo Hays, A.B. (University of Rochester); A.M. (New York University).....Kenmore, N. Y.  
*Dissertation: The Maimed Figure: An Ancient Archetype in Modern Literature*  
*Field of Specialization: English*
- Phillip Eugene Highsmith, B.S. (East Tennessee State College); M.Ed. (University of Virginia).....Lexington, Ky.  
*Dissertation: The Image of the High School Science Teacher as Seen by Various Groups*  
*Field of Specialization: Education*
- Frances Aileen Hill, B.A. (University of Florida); M.A....Gainesville, Fla.  
*Dissertation: The Effects of Instructions and S's Need for Approval on the Conditioned Galvanic Skin Response*  
*Field of Specialization: Psychology*
- Dennis Neil Hinkle, B.A., M.A.....Worthington  
*Dissertation: The Change of Personal Constructs from the Viewpoint of a Theory of Construct Implications*  
*Field of Specialization: Psychology*
- Robert Howard, B.Sc. in Edu., M.A.....Portsmouth  
*Dissertation: American Education as Seen in Newspaper Editorials, 1961-1963*  
*Field of Specialization: Education*
- Bruce You-Huei Hwang, B.S., (National Taiwan University); M.A. (East Tennessee State College).....Taipei, Taiwan, China  
*Dissertation: The Synthesis of Stable Naphtho [b] Cyclobutadienes*  
*Field of Specialization: Chemistry*
- James Howard Jackson, B.S. in Bus. Adm., M.S. (University of Tennessee) Bluefield, Va.  
*Dissertation: Benefits of the Certified Professional Secretaries' Rating and Its Effect on Personnel Policies*  
*Field of Specialization: Education*
- Rong-sheng Jin, B.S. (Denison University).....Taipei, Taiwan, China  
*Dissertation: The Elastic Scattering of Helium-3 by Oxygen-16*  
*Field of Specialization: Physics*
- Irene Johnson, A.B. (Fort Valley State College, Georgia); M.A. (Atlanta University); M.S. (University of Wisconsin) Atlanta, Ga.  
*Dissertation: Agricultural Diversification in Georgia*  
*Field of Specialization: Geography*
- George Paul Jones, B.M.E. (Cooper Union); M.Sc.....New York, N. Y.  
*Dissertation: Selecting Company Research and Development Projects in the Aerospace Industry*  
*Field of Specialization: Industrial Engineering*
- James Sargent King, B.S. in Ed. (Taylor University); M.Sc...West Liberty  
*Dissertation: A Comparative Investigation of Neuroglia in Representative Vertebrates: A Silver Carbonate Study*  
*Field of Specialization: Anatomy*
- Tatsuo Kondo, M.Sc.....Tokai-Mura, Japan  
*Dissertation: A Gas Chromatographic Study of Uranium Oxidation Mechanism in Moist Gases*  
*Field of Specialization: Metallurgical Engineering*
- Armin Paul Langholz, B.S. in Ed. (Capital University); M.A.....Columbus  
*Dissertation: A Study of the Relationship of Listening Test Scores to Test Item Difficulty*  
*Field of Specialization: Speech*

- Jerold Alan Last, B.S., M.S. (University of Wisconsin) . . . New York, N. Y.  
*Dissertation: Studies on the Mechanism of Action of Oxytetracycline on E. Coli*  
*Field of Specialization: Agricultural Biochemistry*
- Robert Henry Lawrence, Jr., B.S. (Bradley University) . . . . . Chicago, Ill.  
*Dissertation: The Mechanism of the Tritium Beta-Ray Induced Exchange Reactions of Deuterium with Methane and Ethane in the Gas Phase*  
*Field of Specialization: Chemistry*
- Thomas Earl LeVere, B.Sc., M.A. . . . . Cleveland  
*Dissertation: Effects of the Post-response Stimulus Display on Primate Discrimination Performance*  
*Field of Specialization: Psychology*
- Robert Anthony Locock, B.Sc. in Pharm., M.Sc. (University of Toronto)  
 Willowdale, Ont., Canada  
*Dissertation: A Phytochemical Investigation of Selected Eupatorium Species*  
*Field of Specialization: Pharmacy*
- Bruce Edward MacNab, A.B. (Denison University); M.B.A.  
 Shaker Heights  
*Dissertation: Source Selection for Industrial Machinery, Equipment, and Supplies (with Special Emphasis on the Industrial Distributor)*  
*Field of Specialization: Business Organization*
- James Andrew Malloy, Jr., B.A. (Morris Harvey College); M.A.  
 Charleston, W. Va.  
*Dissertation: The Zemstvo Reform of 1864: Its Historical Background and Significance in Tsarist Russia*  
*Field of Specialization: History*
- Stuart Newman Mapes, Jr., S.B. in E.E. (Massachusetts Institute of Technology); M.Sc. . . . . West Hartford, Conn.  
*Dissertation: Comparison of Hall Mobility in Cadmium Sulfide with Drift Mobility as Measured by the Method of Ultrasonic Amplification*  
*Field of Specialization: Electrical Engineering*
- Lois Reno Mathis, B.S. (Southwestern State College, Oklahoma); M.A.  
 (University of Pittsburgh) . . . . . Columbus  
*Dissertation: An Investigation of Selected Factors Affecting Communication Between Teachers and Parents of Elementary Pupils*  
*Field of Specialization: Education*
- George Ralph Maxwell II, A.B., M.S. (West Virginia University)  
 Morgantown, W. Va.  
*Dissertation: Life History of the Common Grackle, Quiscalus quiscula (Linnaeus)*  
*Field of Specialization: Zoology and Entomology*
- Richard Malcolm McFall, B.A. (DePauw University); M.A.  
 Indianapolis, Ind.  
*Dissertation: Unintentional Communication: The Effect of Congruence and Incongruence Between Subject and Experimenter Constructions*  
*Field of Specialization: Psychology*
- Daniel Schaffer Metzger, B.A. (Kalamazoo College); M.Sc. . . Tavares, Fla.  
*Dissertation: Transient Nuclear Magnetic Induction in Solid H<sub>2</sub>-D<sub>2</sub> Mixtures*  
*Field of Specialization: Physics*

- Donald Warren Michielli, B.S. (Springfield College); M.A. Hempstead, N. Y.  
*Dissertation: The Effect of Increased Internal Muscle Temperature on the Contractile Strength and Muscular Endurance of the Elbow Flexor Muscle Group*  
*Field of Specialization: Physical Education*
- Frederick Powell Miller, B.Sc. in Agr., M.Sc. .... Springfield  
*Dissertation: Physical, Chemical, and Mineralogical Properties Related to the Micromorphology of the Canfield Silt Loam—A Fragiudalf*  
*Field of Specialization: Agronomy*
- Albert Frank Moritz, A.B. (Ohio University); M.Ed. (Kent State University) ..... Niles  
*Dissertation: The Relationship of Educational Administration to Decision-making in Science Education*  
*Field of Specialization: Education*
- William Vincent Payne, B.S. (Hampton Institute); M.Ed. (Pennsylvania State University) ..... Tuskegee Institute, Ala.  
*Dissertation: A Proposed Program for the Development and Use of Instructional Media in Industrial Teacher Education at Tuskegee Institute*  
*Field of Specialization: Education*
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*Dissertation: Post-aggression Cognitive Dissonance, Victim Response Style, and Hostility-Guilt*  
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- Sohan Singh Prihar, B.Sc., M.Sc. (Punjab University) ... Jullundur, India  
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*Field of Specialization: Agronomy*
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in Ed. (University of Kansas City).....Nablus, Jordan  
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1-C<sup>14</sup> into Glycerolipids with Three Enzyme Systems  
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*(II) Shielding Effect of the RF Power*  
*(III) Ionization by a High Current Pulse Discharge*  
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*Field of Specialization: Psychology*

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Executives*  
*Field of Specialization: Education*
- Stephen Hensleigh Wedgwood, A.B. (Harvard College); M.A.  
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*Field of Specialization: German*
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Flame*  
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- Richard Then White, B.S. (United States Military Academy); M.Sc.  
Buffalo, N. Y.  
*Dissertation: The Radioactivity of Cadmium 105*  
*Field of Specialization: Physics*
- Edward Albert Yarnell, B.Sc. in Edu., M.A. .... Mansfield  
*Dissertation: An Appraisal of the Doctoral Program in Educational  
Administration at The Ohio State University as Per-  
ceived by Its Graduates*  
*Field of Specialization: Education*
- Sister Frances Loretto Yowaiski, B.A. (Nazareth College); M.A.  
(Catholic University of America) ..... Louisville, Ky.  
*Dissertation: A Study of Staff Perception of Curriculum Change in  
the Louisville Elementary Parochial Schools*  
*Field of Specialization: Education*
- David Alan Yutzey, B.A. (Ohio Wesleyan University); M.A. .... Columbus  
*Dissertation: Changes in Emotionality Following Simultaneous Le-  
sions of the Septal Region and Limbic Cortex*  
*Field of Specialization: Psychology*  
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- Emory George Roberts, B.S. (Virginia Polytechnic Institute); A.M.  
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(Two candidates)

† Degree granted in cooperation with Miami University

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- Carlos Eduardo Barnes.....Panama, Panama  
*Field of Specialization: Accounting*
- Jerry Ward Hufton, B.S. (Pennsylvania State University)..Trafford, Pa.  
*Field of Specialization: Accounting*  
 (Two candidates)

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*Field of Specialization: Physical Education*
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- Donald Arthur Bell, B.A. (Otterbein College).....Reynoldsburg  
*Field of Specialization: Education*
- Jane Herrmann Bell, B.S. in Edu. (Bowling Green State University)  
 Toledo  
*Field of Specialization: Music*
- John Edward Bender, B.Sc. in Edu.....Canal Winchester  
*Field of Specialization: Education*
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 Lutheran Theological Seminary).....Columbus  
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- Paul Richard Brause, B.A.....Columbus  
*Field of Specialization: Speech*



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 Little Falls, N. J.  
*Field of Specialization: Education*
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*Field of Specialization: Education*
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 Haddon Heights, N. J.  
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 Dayton  
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*Field of Specialization: Education*
- Levi Berkly Hollis, Jr., B.Edu. (Duquesne University).....Warren  
*Field of Specialization: Education*
- Jeanne Marie Huelsman, B.S. (Notre Dame College, Cleveland)..Cleveland  
*Field of Specialization: Education*
- Robert Edgar Hunter, B.S.Ed. (Ohio University).....Blue Rock  
*Field of Specialization: Education*
- Robert Paul Jackson, B.S.Ed. (Ohio University).....Tipp City  
*Field of Specialization: Education*
- Klaus Anton Gerhard Jaeger.....Kiel, Germany  
*Field of Specialization: German*
- Gary James Jainshig, B.Sc. in Edu.....Cleveland  
*Field of Specialization: Education*
- Amde Selassie Jenberie, B.A. (University College of Addis Ababa)  
Addis Ababa, Ethiopia  
*Field of Specialization: Education*
- LeRoyce Johnson, B.S. (Kansas State University).....Cambridge, Kans.  
*Field of Specialization: Education*

- Clydene Ann Jones, B.A. (Northwestern State College) . . . . .Alva, Okla.  
*Field of Specialization: Education*
- Raymond Joseph Kacirk, B.S. in Edu. (University of Dayton) . . . . .Dayton  
*Field of Specialization: History*
- Oranoot Kaenjok, B.Ed. (College of Education, Bangkok, Thailand)  
 Ubol, Thailand  
*Field of Specialization: Education*
- Richard Bernard Kane, B.S. in Ed. (University of Cincinnati) . .Columbus  
*Field of Specialization: Physical Education*
- Karl Kenneth Kercher, B.S. in Edu. (Kutztown State College,  
 Pennsylvania) . . . . .Allentown, Pa.  
*Field of Specialization: Education*
- George Ellis Kerrick, A.B. (Florida Southern College) . . .Lakeland, Fla.  
*Field of Specialization: English*
- David Allen Kerst, B.A., B.Sc. in Edu. . . . .Columbus  
*Field of Specialization: Education*
- Bonnie Lou Keyser, B.A. (Drew University) . . . . .Hawthorne, N. Y.  
*Field of Specialization: Psychology*
- Irene Denise Kilpatrick, B.A. (Florida Agricultural and Mechanical  
 University) . . . . .Tampa, Fla.  
*Field of Specialization: Speech*
- Leroy Dean Klas, B.S. (College of Idaho) . . . . .Nampa, Idaho  
*Field of Specialization: Education*
- George William Klein, B.A. (Muskingum College) . . . . .Paris  
*Field of Specialization: Physical Education*
- Doris Lucille Knight, B.S. (Bowling Green State University) . . .Lakewood  
*Field of Specialization: Education*
- Joseph Forrest Koenig, B.S. in Ed. (Wilmington College) . . . . .Columbus  
*Field of Specialization: Education*
- Marsha Studebaker Kohler, B.Sc. in Edu. . . . .Dayton  
*Field of Specialization: Education*
- Paul Molloy Konnersman, B.Mgt.E. (Rensselaer Polytechnic Institute)  
 Cincinnati  
*Field of Specialization: Philosophy*
- Jean McClain Koppert, B.Sc. in Edu. . . . .Loudonville  
*Field of Specialization: Education*
- Karen Leslie Krasnoff, B.Sc. in Edu. . . . .Warren  
*Field of Specialization: Education*
- Norman Paul Landry, B.Sc. in Edu. . . . .Columbus  
*Field of Specialization: Education*
- Patricia Ann Larkin, B.S. (Mount Mercy College, Iowa) . .Cedar Rapids, Ia.  
*Field of Specialization: Psychology*
- Mary Jean Laubenfels, A.B. in Psych. (Stanford University) . . . .Columbus  
*Field of Specialization: Education*
- Frederick Thornton Lauriat, Jr., B.Mus.Ed. (Capital University) . .LaRue  
*Field of Specialization: Education*
- Frederic Karr Lawrence, B.A., B.Sc. in Edu. . . . .Chillicothe  
*Field of Specialization: Psychology*

- Linda Ruth Lawrence, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Sherry Ilene Levin, B.A. (Temple University).....Philadelphia, Pa.  
*Field of Specialization: Speech*
- Loretta Maria Liptak, B.S. in Ed. (Youngstown University)....Struthers  
*Field of Specialization: Physical Education (Health Education)*
- Ronald Wesley Long, B.Sc. in Edu.....Springfield  
*Field of Specialization: Education*
- Linda Ridge Lowry, B.Sc. in Edu.....Lebanon  
*Field of Specialization: Music*
- Marilyn Steude Lucas, B.Sc. in Edu.....Ashland  
*Field of Specialization: Education*
- Phyllis Huffman Ludwig, B.S. (Muskingum College).....Columbus  
*Field of Specialization: Education*
- Susan Jean Macduff, B.A. (Willamette University).....Lafayette, Calif.  
*Field of Specialization: Sociology*
- Janet Presutti Madison, B.Sc. in Edu.....Wellsville  
*Field of Specialization: Physical Education*
- Barbara Grills Martin, B.S. in Edu. (Kent State University)  
 Columbia Station  
*Field of Specialization: Physical Education*
- George Mass, A.B. (Gettysburg College).....Rochester, N. Y.  
*Field of Specialization: Psychology*
- Emerson Bruce Mathews, A.B. (Capital University).....Galena  
*Field of Specialization: Speech*
- Jeremy Lawrence Mattson, A.B. (Oberlin College).....Evanston, Ill.  
*Field of Specialization: English*
- Jean Shafer McCabe, B.Sc. in Edu.....New Albany  
*Field of Specialization: Education*
- William Hook McCann, B.S.Ed. (Ohio University).....Columbus  
*Field of Specialization: Education*
- Vincent Paul McDevitt, Jr., B.S. (University of Pennsylvania)  
 Philadelphia, Pa.  
*Field of Specialization: Economics*
- Norman Eugene McElheny, A.B. (Heidelberg College).....Tiffin  
*Field of Specialization: Education*
- Nadine Butler McFarland, B.S.Ed. (Ohio University).....Trinway  
*Field of Specialization: Education*
- Lucy Screechfield McIver, B. of Art Edu. (University of Kansas)  
 Columbus  
*Field of Specialization: Physical Education*
- Robert Joseph McLinn, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Robert McKisson Mennel, A.B. (Denison University).....Toledo  
*Field of Specialization: History*
- Roger Arnold Meyer, A.B. (Capital University).....Ridgeville Corners  
*Field of Specialization: Education*

- Dennis Francis Miller, B.A.....Boise, Idaho  
*Field of Specialization: History*
- Eli E. Miller, B.A. (Eastern Mennonite College).....Newark  
*Field of Specialization: History*
- James Douglas Miller, B.A. (Otterbein College).....Mt. Gilead  
*Field of Specialization: History*
- Jane Marion Miller, B.Sc. in Edu.....Groveport  
*Field of Specialization: Education*
- John Hawes Miller, B.A. (Marshall University).....Shoals, W. Va.  
*Field of Specialization: Romance Languages (Spanish)*
- John Newton Miller, B.A. (Thiel College).....North East, Pa.  
*Field of Specialization: Romance Languages (Spanish)*
- Martha Bretzer Miller, B.S. (Mississippi State College).....Columbus  
*Field of Specialization: Education*
- Lowell Thomas Moore, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Lewis Edwin Mosher, B.Rel. Edu. (Malone College); A.B. (Marion College)  
 Marengo  
*Field of Specialization: Sociology*
- Albert Jacob Motter, Jr., B. Mus.....Mansfield  
*Field of Specialization: Music*
- Donald Patrick Murray, B.Ed. (Seattle University).....Seattle, Wash.  
*Field of Specialization: Education*
- Carl Ernest Nagy, B.Sc. in Agr.....Wadsworth  
*Field of Specialization: Agricultural Education*
- William John Nelson, A.B. (Ashland College).....Savannah  
*Field of Specialization: Education*
- David Joseph Nemec, B.A., B.Sc. in Edu.....Bay Village  
*Field of Specialization: Education*
- Keith Jackson Newlon, A.B. (Ohio University).....Columbus  
*Field of Specialization: History*
- David Joe Noe, B.Sc. in Edu.....Waldo  
*Field of Specialization: Music*
- James Francis Noe, B.Sc. in Edu.....Swanton  
*Field of Specialization: Education*
- Paul John Noll, B.Sc. in Edu.....Salem  
*Field of Specialization: Education*
- Bobbie Nell Oatis, B.S. (Jackson State College).....Silver Creek, Miss.  
*Field of Specialization: Education*
- Carol Patricia O'Connell, B.S. in Edu. (University of Dayton)....Dayton  
*Field of Specialization: Education*
- Edward Francis O'Sullivan, B.Ed. (Plymouth State College)  
 Lebanon, N. H.  
*Field of Specialization: Education*
- Kalliope Ioannou Papachristoforou.....Limassol, Cyprus  
*Field of Specialization: Education*

- Paul Maurice Papanek, B.S.Ed. (Central State College).....Dayton  
*Field of Specialization: Education*
- Donna Bryan Pardo, B.S. in Edu. (University of Nebraska)..Columbus  
*Field of Specialization: Romance Languages (Spanish)*
- Geraldine Drayne Parham, B.S. (Morris Brown College, Georgia)  
 Columbus  
*Field of Specialization: Education*
- Wesley Moody Pattillo, Jr., A.B.J. (University of Georgia)  
 Birmingham, Ala.  
*Field of Specialization: Journalism*
- Rose Mary Smith Pattison, B.S.H.E. (West Virginia University)  
 Columbus  
*Field of Specialization: Education*
- Wilbur Edward Paulsen, Jr., B.Sc. in Edu.....Bedford  
*Field of Specialization: Education*
- John Kenyon Payton, B.A. (Otterbein College).....Johnstown  
*Field of Specialization: Education*
- David Michael Pendergast, B.Sc. in Edu.....Granville  
*Field of Specialization: Education*
- Charles Edward Pollock, B.A. (Waynesburg College).....Columbus  
*Field of Specialization: Education*
- Robert Patsy Porco, B.Sc. in Edu., B. Mus.....Steubenville  
*Field of Specialization: Music*
- Paule Chovnick Prebus, B.A.....Columbus  
*Field of Specialization: Romance Languages (Spanish)*
- Paul Robinson Priday, B.Sc. in Edu.....London  
*Field of Specialization: Education*
- Martha Topp Radabaugh, B.S.C. (Ohio University).....Mt. Vernon  
*Field of Specialization: Education*
- Thomas Beckett Reed, B.A.....Columbus  
*Field of Specialization: Speech*
- Sally Bell Riebel, B.Sc. in Edu.....Chardon  
*Field of Specialization: Education*
- Clarence Teemo Rogers, B.Mus. (West Virginia State College)  
 Washington, D. C.  
*Field of Specialization: Music*
- Karen Andreas Rohovsky, B.Sc. in Edu.....Sugarcreek  
*Field of Specialization: Speech*
- Marjorie Rosen, B.S. (Cornell University).....Poughkeepsie, N. Y.  
*Field of Specialization: Speech*
- Nancy Myra Rosenberg, B.A. (University of Maryland) ..Silver Spring, Md.  
*Field of Specialization: Speech*
- Norman Rovick, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Medard A. J. Ruehle, B.Sc. in Agr.....McCutchenville  
*Field of Specialization: Education*
- Michael Philip Rupright, B.A., B.Sc. in Edu.....Marysville  
*Field of Specialization: English*



- Maxine Sloan Russell, B.A. (Marshall University).....Marietta  
*Field of Specialization: Education*
- Robert Lee Russell, A.B. (Wheaton College).....Wadsworth  
*Field of Specialization: Linguistics*
- Margaret Bargar Safford, B.A., B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Herta Saller.....Pleinting, Bavaria, Germany  
*Field of Specialization: Education*
- Wayne Leon Sanders, B.Sc. in Agr.....Ansonia  
*Field of Specialization: Agricultural Education*
- Stephen Mike Scarvelis, B.Sc. in Edu.....Mt. Vernon  
*Field of Specialization: Education*
- Harold Arwin Scheiderer, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- William Murrell Schenk, B.F.A.....Cincinnati  
*Field of Specialization: Speech*
- Thomas Joseph Schlueb, A.B. (College of Saint Charles Borromeo);  
 B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Seward Dean Schooler, Jr., B.A. (Wesleyan University, Connecticut)  
 Coshocton  
*Field of Specialization: Political Science*
- Vondale Willis Schoppelrei, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Martin Bennett Schrank, B.E.E. (Rensselaer Polytechnic Institute)  
 University Heights  
*Field of Specialization: Psychology*
- William Duane Senft, B.S. in Ed. (Ohio University).....Grove City  
*Field of Specialization: Education*
- Warren Donald Shea, B.A.....Schenectady, N. Y.  
*Field of Specialization: Psychology*
- Michael Francis Shevlin, B.Sc. in Bus.Adm.....Columbus  
*Field of Specialization: Education*
- Walter Aloysius Shott, Jr., B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- William Lester Sidenstick, B.S. (Miami University).....Dayton  
*Field of Specialization: Education*
- William Dale Siders, B.Sc. in Edu.....Hillsboro  
*Field of Specialization: Education*
- Alexandra Makris Simakis, B.Sc. in Edu.....Newark  
*Field of Specialization: Education*
- James Edward Singer, B.Sc. in Edu.....Westerville  
*Field of Specialization: Music*
- Frances Tellaro Sites, B.S. in Ed. (Illinois State University)....Mansfield  
*Field of Specialization: Education*
- Lorna Bowser Sloan, B.Sc. in Edu.....Columbus  
*Field of Specialization: Music*

- Calvin Matthew Smith, Jr., B.Sc. in Edu.....Brewster  
*Field of Specialization: Education*
- Carroll Jennings Smith, B.Sc. in Edu.....Sebring  
*Field of Specialization: Education*
- Ronald Glenn Smith, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Rosalie Hellwarth Smith, B.S. (Manchester College).....Celina  
*Field of Specialization: Education*
- Shirley Kirkpatrick Smith, B.M.E. (Central Missouri State College)  
 Cape Girardeau, Mo.  
*Field of Specialization: Music*
- Theodore Phillip Smith, B.Sc. in Agr.....Peoria  
*Field of Specialization: Education*
- Royal Emerson Snively, B.A. (Bridgewater College).....Fairfax, Va.  
*Field of Specialization: Education*
- Carol McMillen Spence, B.Sc. in Edu.....Dover  
*Field of Specialization: Psychology*
- Anthony Francis Sperandio, B.S. (University of Dayton).....Dayton  
*Field of Specialization: Education*
- Rosalind Baker Springer, B.S. in Ed. (Kent State University)...Columbus  
*Field of Specialization: Education*
- Evangeline Smith Stalker, A.B. (Marion College).....North Lewisburg  
*Field of Specialization: Education*
- Mary Jane Stansel, A.B. (Ohio Northern University); B.Sc. in Bus.Adm.  
 Dayton  
*Field of Specialization: Education*
- John William Stephenson, B.F.A.....Ashtabula  
*Field of Specialization: Art*
- Donald Edgar Storer, B.A. (Otterbein College).....Maple Heights  
*Field of Specialization: Education*
- Patricia Richards Stover, B.Sc. in Edu.....Willard  
*Field of Specialization: Education*
- Richard James Stranges, A.B. (West Liberty State College)....Flushing  
*Field of Specialization: Education*
- John Paul Strommer, B.A.....Youngstown  
*Field of Specialization: English*
- David Ira Suchman, B.A. (Hobart College).....New York, N. Y.  
*Field of Specialization: Psychology*
- James Lloyd Summers, B.Sc. in Edu.....Cleveland  
*Field of Specialization: Education*
- Marjorie Carol Swern, A.B. (Queens College).....Bayside, N. Y.  
*Field of Specialization: Art*
- Betty Jo Turner Swope, A.B. (Wittenberg University).....Circleville  
*Field of Specialization: Education*
- Gene Anthony Telego, A.B. (Ashland College).....Upper Sandusky  
*Field of Specialization: Education*
- Merry Elizabeth Texter, B.Sc. in Edu.....Huntsburg  
*Field of Specialization: Music*

- Beverly Jean Thompson, B.A. (Marshall University) . . . . St. Albans, W. Va.  
*Field of Specialization: Education*
- Kenneth Robert Thompson, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*
- Robert Valentine Tolotti, B.S. in Edu. (Bowling Green State University)  
 Dover  
*Field of Specialization: Education*
- Edison Jean Trickett, B.A. (Trinity College, Connecticut)  
 Washington, D. C.  
*Field of Specialization: Psychology*
- Sister Mary Serafina Viagrande, B.S. in Mus. Edu. (College of Saint Mary  
 of the Springs) . . . . . Columbus  
*Field of Specialization: Music*
- Mary Teresa Latell Vivona, B.A. . . . . Girard  
*Field of Specialization: Music*
- Jerome Edward Vogt, B.S. (University of Illinois) . . . . . Coldwater  
*Field of Specialization: Agricultural Education*
- Peter Crissman Weaver, B.A. (Muskingum College) . . . . . Butler, Pa.  
*Field of Specialization: Education*
- Mary Cassidy Weiler, B.S. (Ursuline College) . . . . . Columbus  
*Field of Specialization: Education*
- Rhoda Weinman, B.Sc. in Edu. . . . . Toledo  
*Field of Specialization: Speech*
- Jewell Whitaker, B.Sc. in Edu. . . . . Marietta  
*Field of Specialization: Education*
- Thomas Robert White, B.Sc. in Bus. Adm., B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*
- Richard George Wiggernhorn, B.S. in Edu. (University of Dayton) . . Dayton  
*Field of Specialization: Music*
- Nancy Louise Wilbirt, B.Sc. in Edu. . . . . Akron  
*Field of Specialization: Education*
- Sara Lynn Willey, B.S. (Iowa State University) . . . . . Baldwin, Ia.  
*Field of Specialization: Education*
- Iris Geraldine Wilson, B.S. (East Texas Baptist College) . . . . Temuco, Chile  
*Field of Specialization: Education*
- Barbara Frances Winger, B.Sc. in Edu. . . . . Cleveland  
*Field of Specialization: Speech*
- Betty McQuiston Wright, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*
- Arlie Grant Young, Jr., B.A. (University of Utah) . . . . Salt Lake City, Utah  
*Field of Specialization: Psychology*
- George Washington Yuill, B.S. (West Virginia State College, Bluefield)  
 Columbus  
*Field of Specialization: Education*
- Robert Paul Yung, B.A. (Northwestern University) . . . . . Cincinnati  
*Field of Specialization: History*
- Kathryne Heinlen Ziegler, B.A. (Ohio Wesleyan University) . . Mt. Gilead  
*Field of Specialization: Education*
- Helen Katherine Zolg, A.B. (Earlham College) . . . . . Dayton  
*Field of Specialization: Education*

(Two hundred and sixty-five candidates)

# **Master of Business Administration**

- Ted John Bembenek, Jr., B.Sc. in Bus. Arm.....Curundu, Canal Zone  
*Field of Specialization: Business Organization*
- Nicholas Patrick Coady, B.A.....Columbus  
*Field of Specialization: Business Organization*
- James David Croft, B.Sc. in Bus. Adm.....West Liberty  
*Field of Specialization: Business Organization*
- Robert Arthur Dean, B.S. in Met. E. (University of Cincinnati) ..Fairborn  
*Field of Specialization: Business Organization*
- Fred Clark Enlow, B.A. (Eastern Washington State College) .....Spokane, Wash.  
*Field of Specialization: Business Organization*
- Gary Lee Estep, B.Sc. in Bus. Adm.....Columbus  
*Field of Specialization: Business Organization*
- John Russell Ezzell, B.Sc. in Bus. Adm.....Columbus  
*Field of Specialization: Business Organization*
- Larry Beatty Fullen, B.A.....Ashville  
*Field of Specialization: Business Organization*
- George Earl Hassell, B.S. (College of the Ozarks).....Columbus  
*Field of Specialization: Business Organization*
- John Edward Hollender, B.Sc. in Bus.Adm.....Massillon  
*Field of Specialization: Business Organization*
- Torrance Kinsman Lamb III, B.A. (Ohio Wesleyan University) ..Cleveland  
*Field of Specialization: Business Organization*
- William Anthony Losoncy, Jr., B.Sc. in Bus.Adm.....Columbus  
*Field of Specialization: Business Organization*
- James Kenneth Mitchell, B.A.....McArthur  
*Field of Specialization: Business Organization*
- Donald Alvin Panek, B.S. (Purdue University).....Cleveland  
*Field of Specialization: Business Organization*
- Biswambher Man Singh Pradhan, B.Com. (University of Calcutta);  
M.Com. (University of Allahabad).....Katmandu, Nepal  
*Field of Specialization: Business Organization*
- William Budd Stephenson III, B.Sc. in Bus.Adm.....Cincinnati  
*Field of Specialization: Business Organization*
- William Finley Stewart, A.B. (DePauw University).....Trotwood  
*Field of Specialization: Business Organization*
- Richard Eugene Suetterlin, B.S.B.A. (University of Dayton).....Dayton  
*Field of Specialization: Business Organization*
- Patrick Paul Tripiciano, B.S. in B.A. (Indiana University).....Lancaster  
*Field of Specialization: Business Organization*
- Paul John Voss, B.S. (Miami University).....Indianapolis, Ind.  
*Field of Specialization: Business Organization*
- Clyde Kenneth Walter, Jr., B.S.E.E. (Case Institute of Technology) .....Canfield  
*Field of Specialization: Business Organization*
- Ronald Joseph Wildman, B.Engr. (Vanderbilt University).....Shelby  
*Field of Specialization: Business Organization*
- Robert Irvin Yeoman, B.Sc. in Bus.Adm.....New Holland  
*Field of Specialization: Business Organization*

(Twenty-three candidates)

### Master of City Planning

William Daniel Schnauffer, B.A.....Marion  
*Field of Specialization: Architecture (City Planning)*  
(One candidate)

### Master of Education

Carolyn Virtue Abdallah, B.A. (Marshall University) . . Moundsville, W. Va.  
*Field of Specialization: Education*

Kathryn Lutz Bowman, B.S. (Baldwin-Wallace College)  
Flemingsburg, Ky.  
*Field of Specialization: Education*

Edith Greene Browning, B.S. in Ed. (Capital University) . . . . . Groveport  
*Field of Specialization: Education*

Roger Lee Chambers, B.A. (Westmar College) . . . . . Ida Grove, Ia.  
*Field of Specialization: Education*

Arthur Keith Dremann, B.S. in Ed. (Bowling Green State University)  
Fredericktown  
*Field of Specialization: Education*

Alfred Eugene Eggleston, B.Sc. in Edu. . . . . Bellefontaine  
*Field of Specialization: Education*

Ellsworth Eugene Foreman, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*

Wilma Conley Fugate, A.B. (Morehead State College, Kentucky) . . Columbus  
*Field of Specialization: Education*

Kenneth Eugene Havens, B.S. in Ed. (Capital University) . . . . . Columbus  
*Field of Specialization: Education*

Frederick Ralph Kreider, B.S. in Ed. (Millersville State College,  
Pennsylvania) . . . . . Lancaster, Pa.  
*Field of Specialization: Education*

Tony Marley, B.S. in Ed. (Ashland College) . . . . . Ashland  
*Field of Specialization: Education*

Caroline Brigner McGrew, B.S. in Ed. (Miami University)  
Mechanicsburg  
*Field of Specialization: Education*

Glenn Paul Menke, B.S. (Oakland City College, Indiana)  
Huntingburg, Ind.  
*Field of Specialization: Education*

John Benjamin Reed, B.S. in Bus.Admin. (Indiana Central College)  
Indianapolis, Ind.  
*Field of Specialization: Education*

Franklin Simon Scott, B.Sc. in Edu. . . . . Lewisville  
*Field of Specialization: Education*

Lary Richard Shearer, B.A. (Ohio Wesleyan University) . . . . . Marysville  
*Field of Specialization: Education*

Charles William Smith, A.B. (Asbury College) . . . . . Oak Harbor  
*Field of Specialization: Education*

Olga Marie Smith, B.Sc. in Edu. . . . . Marion  
*Field of Specialization: Education*

Marlene Kagy Swartzmiller, B.S. in Edu. (Bowling Green State University) .....Tiffin  
*Field of Specialization: Education*

Richard Allen Van Horn, B.S. (Wilmington College).....Greenfield  
*Field of Specialization: Education*

Lucille Bump Wilson, B.S. in Edu. (Ohio University) .....Lebanon  
*Field of Specialization: Education*

(Twenty-one candidates)

#### Master of Medical Science

Don Allen Bollheimer, B.S. (University of Dayton); M.D. (Marquette University) .....Dayton  
*Field of Specialization: Ophthalmology*

Jerry Medaris Hardacre, B.Sc., M.D.....Wapakoneta  
*Field of Specialization: Surgery*

James Wesley Keller, B.Sc., M.D.....Columbus  
*Field of Specialization: Surgery*

Max Shiu-Ming Lin, B.M. (National Taiwan University) Tainan Shien, Taiwan, China  
*Field of Specialization: Medicine*

(Four candidates)

#### Master of Science

Robert Plowden Abbott, B.S. (Clemson College) .....Sumter, S. C.  
*Field of Specialization: Electrical Engineering*

Darwin Gene Abby, B.S. (University of Illinois) .....Carmi, Ill.  
*Field of Specialization: Geodetic Science*

Hamed Mahmood Al-Ani, B.Sc. (University of Baghdad)...Baghdad, Iraq  
*Field of Specialization: Civil Engineering*

Ghassan A. Al-Rawi, B.S.C.E. (Ohio University) .....Baghdad, Iraq  
*Field of Specialization: Civil Engineering*

Robert Dwight Amspoker, B.W.E.....Cuyahoga Falls  
*Field of Specialization: Welding Engineering*

Ann Skinner Bardwell, B.S. in H.E. (University of Kentucky)..Paris, Ky.  
*Field of Specialization: Home Economics*

James Henry Barrett, B.S. (Eastern Kentucky State College) Middlesboro, Ky.  
*Field of Specialization: Chemistry*

Patricia Ann Barry, B.S. (Washington State University) Uniontown, Wash.  
*Field of Specialization: Microbiology*

Eric Carl Bogren, B.S. in Met. E. (Michigan College of Mining and Technology) .....East Detroit, Mich.  
*Field of Specialization: Metallurgical Engineering*

Barbara Ann Bryant, B.Sc. in Nurs.....Hamilton  
*Field of Specialization: Nursing*

William Hunt Burger, B.S.A. (University of Florida) .....Albany, Ga.  
*Field of Specialization: Geodetic Science*

Robert Raymond Buss, B.S. (Saint Mary's University of San Antonio) St. Louis, Mo.  
*Field of Specialization: Mathematics*

- Charles Alvin Butler, B.W.E.....Columbus  
*Field of Specialization: Welding Engineering*
- Andrew Clare Campbell, B.A. (University of Connecticut).....Hazardville, Conn.  
*Field of Specialization: Geodetic Science*
- Martha Brackeen Carlson, B.A. (McMurry College).....Andrews, Tex.  
*Field of Specialization: Microbiology*
- \* Harold Edwin Chadwick.....Columbus  
*Field of Specialization: Electrical Engineering*
- Helen Ann Chaten, B.S. (Western Reserve University).....Akron  
*Field of Specialization: Nursing*
- Samson Chema, D.V.M.....Mombasa, Kenya  
*Field of Specialization: Poultry Science*
- Camille Ann Colville, B.Sc. in H.E.....Utica  
*Field of Specialization: Home Economics*
- Jack Andrew Cook, Jr., B.A. (Pennsylvania State University)....Columbus  
*Field of Specialization: Geodetic Science*
- John David Crane, B.S. (Baldwin-Wallace College).....Olmsted Falls  
*Field of Specialization: Mathematics*
- Herman Leon Crawford, M.E. (University of Cincinnati) ..Pickerington  
*Field of Specialization: Mechanical Engineering*
- Gerald Richard Crawmer, B.W.E.....Columbus  
*Field of Specialization: Welding Engineering*
- John Perrin Crocker, A.B. (Columbia University).....Whitestone, N. Y.  
*Field of Specialization: Physics*
- Charles Anthony Cummings, B.M.E.....Columbus  
*Field of Specialization: Mechanical Engineering*
- Peter LePoer Darvall, B.E. (Civil) (University of Melbourne).....Eaglemont, Victoria, Australia  
*Field of Specialization: Civil Engineering*
- Richard Allan Davies, S.B. in E.E. (Massachusetts Institute of Technology).....Worcester, Mass.  
*Field of Specialization: Mathematics*
- James Arthur Davis, B.Met.E.....Worthington  
*Field of Specialization: Metallurgical Engineering*
- Vilas Edward Deane, B.A. (Ashland College).....Bellevue  
*Field of Specialization: Mathematics*
- Joseph Francis Delaney, B.S. (Xavier University).....Detroit, Mich.  
*Field of Specialization: Physics*
- Charles Richard Donohoe, B.E.E.....Zanesville  
*Field of Specialization: Electrical Engineering*
- Gordon Arthur Eaton, B.Sc. in Agr.....Jamesville, N. Y.  
*Field of Specialization: Agricultural Education*
- Charles William Ellinger, D.D.S.....Lancaster  
*Field of Specialization: Dentistry*
- Gary Leslie Elliott, B.E.E.....Chillicothe  
*Field of Specialization: Electrical Engineering*

\* Two degrees

- William Wesley Etter, B.E.E.....Casstown  
*Field of Specialization: Electrical Engineering*
- Donald Joseph Evans, B.S. (Montana State College).....Fairborn  
*Field of Specialization: Physics*
- Janet Fentress, B.S. (Murray State College, Kentucky)....Milford Center  
*Field of Specialization: Home Economics*
- James Richard Finley, B.Sc. in Agr.....Malta  
*Field of Specialization: Agricultural Economics (Rural Sociology)*
- Patricia Pershing Friend, B.Sc. in Nurs.....Columbus  
*Field of Specialization: Nursing*
- David Hendrick Fritts III, B.S. in M.E. (Valparaiso University)  
 Oak Park, Ill.  
*Field of Specialization: Mechanical Engineering*
- Robert Edward Furry, B.S. (Fresno State College).....Westerville  
*Field of Specialization: Geodetic Science*
- Donald Joseph Gantzer, B.I.E.....Columbus  
*Field of Specialization: Industrial Engineering*
- Thomas Albert Garman, D.D.S. (Indiana University).....Goshen, Ind.  
*Field of Specialization: Dentistry*
- Gerald Neil Goldberg, B.S.E. (Met. E.) (University of Michigan)  
 Pontiac, Mich.  
*Field of Specialization: Metallurgical Engineering*
- John Kyte Goodyear, B.Cer.E.....Uhrichsville  
*Field of Specialization: Ceramic Engineering*
- David Marshall Gordon, B.Sc.....Columbus  
*Field of Specialization: Physics*
- Walter James Gorman, D.D.S. (University of Pennsylvania)....Columbus  
*Field of Specialization: Dentistry*
- Michael Guarnieri, B.S. (University of Notre Dame).....Warren  
*Field of Specialization: Physiological Chemistry*
- Mary Susan Halliday, B.Sc. in H.E.....Powell  
*Field of Specialization: Home Economics*
- Margaret Collins Hanna, B.S. (Marietta College).....Salem  
*Field of Specialization: Home Economics*
- Janet Naomi Hansen, B.S. in H.E. (University of Nebraska)  
 North Platte, Nebraska  
*Field of Specialization: Home Economics*
- William Morgan Harrison, B.S., D.D.S. (Baylor University)  
 Puducah, Tex.  
*Field of Specialization: Dentistry*
- Sister Mary Jean Heffernan, A.B. (Hunter College).....Brooklyn, N. Y.  
*Field of Specialization: Home Economics*
- John Ezra Heiniger, B.S.M.E. (Bradley University).....Morton, Ill.  
*Field of Specialization: Mechanical Engineering*
- Jack Kenneth Hill, B.Sc. in Agr.....Plain City  
*Field of Specialization: Agricultural Education*
- Douglas Wayne Hissong, B.S. (University of Cincinnati).....Cincinnati  
*Field of Specialization: Chemical Engineering*



- Donald Edwin Hoak, Aero.Engr. (University of Cincinnati) Rock Falls, Ill.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- San-Chi Hu, B.Sc. (National Central University) Kangshan, Taiwan, China  
*Field of Specialization: Physics*
- Roy Russell Huddleston, B.S. (Texas Agricultural and Mechanical College) San Antonio, Tex.  
*Field of Specialization: Chemical Engineering*
- Burhan Ilkbay, B.Cer.E. Denizli, Turkey  
*Field of Specialization: Ceramic Engineering*
- Sophann Im, B.S. in Pharm. (University of New Mexico) Battambang, Cambodia  
*Field of Specialization: Pharmacy*
- Hernan Jaramillo-Hoyos Manizales, Colombia  
*Field of Specialization: Agricultural Economics (Rural Sociology)*
- Robert Charles Johns, D.D.S. (Indiana University) Columbus  
*Field of Specialization: Dentistry*
- Joseph Edward Jones, Jr., B.Sc. in Phys. Martins Ferry  
*Field of Specialization: Physics*
- Karen Brunstrom Jordan, B.A. (Western Washington College) Aberdeen, Wash.  
*Field of Specialization: Home Economics*
- Arieh Mike Karger, B.A. (Brandeis University) Waltham, Mass.  
*Field of Specialization: Physics*
- Harold Milton Kauffman, B.S. (Pennsylvania State University) State College, Pa.  
*Field of Specialization: Electrical Engineering*
- Najat Arafat Khelil, B.Sc. (Cairo University) Nablus, Jordan  
*Field of Specialization: Physics*
- Costandy Khalil Khury, B.A. (Ohio Wesleyan University) Columbus  
*Field of Specialization: Mathematics*
- Joseph Edward Knapp, B.Sc. in Phar. Columbus  
*Field of Specialization: Pharmacy*
- Lee Donald Kness, B.S. in Phys. (University of Texas) Phillips, Tex.  
*Field of Specialization: Physics*
- Philip Charles Kozel, B.Sc. in Agr. Cleveland  
*Field of Specialization: Horticulture*
- Martha Matako Kropf, B.Sc. in Edu. Massillon  
*Field of Specialization: Microbiology*
- Kiu Hee Lee, B.S.E. (University of Michigan) Dongdaemnonn-Ku, Seoul, Korea  
*Field of Specialization: Chemical Engineering*
- Patricia Arlene Lewandowski, B.A. (Clarke College) Chicago, Ill.  
*Field of Specialization: Chemistry*
- Carolyn Marie Lien, B.A. (Concordia College) Rugby, N. Dak.  
*Field of Specialization: Microbiology*

- Joan Luck, B.S. (Madison College).....Columbus  
*Field of Specialization: Home Economics*
- Robert William Mathews, B.E.E. (University of Florida)  
 East Orange, N. J.  
*Field of Specialization: Electrical Engineering*
- Max Edward McGowan, B.Sc. in Agr.....De Graff  
*Field of Specialization: Agricultural Education*
- David Richard McNutt, A.B. (Columbia University); M.D.....Toledo  
*Field of Specialization: Microbiology*
- Edwin Kent Middleswart, B.S.Ch.E. (Purdue University).....Hamilton  
*Field of Specialization: Chemical Engineering*
- Gary Walter Miller, B.A.A.E.....Navarre  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Sheldon Seymour Miller, B.S. in Physics (Case Institute of Technology)  
 Cleveland  
*Field of Specialization: Physics*
- Ahmet Minbay.....Eskisehir, Turkey  
*Field of Specialization: Microbiology*
- Charles Herman Mitchell, Jr., B.S. (University of Kentucky)...Dixon, Ky.  
*Field of Specialization: Horticulture*
- Frederick Nicholson Moore, B.S. in Ed. (Wittenberg University).Columbus  
*Field of Specialization: Mathematics*
- Dennis James Morgan, B.E.E.....Barberton  
*Field of Specialization: Electrical Engineering*
- Joseph Paul Nenni, B.Aero.E. (Rensselaer Polytechnic Institute)..Fairborn  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Robert Francis Nikolewski, B.S. (Loyola University).....Columbus  
*Field of Specialization: Pathology*
- William Edward O'Brien, B.S. in Phar. (Duquesne University)  
 Pittsburgh, Pa.  
*Field of Specialization: Pharmacy*
- Michael Joseph O'Connor, B.S. in E.E. (University of Notre Dame)  
 Chicago, Ill.  
*Field of Specialization: Electrical Engineering*
- Mohindar Singh Ogra, B.V.Sc. (Panjab University)  
 Hoshiarpur, Punjab, India  
*Field of Specialization: Poultry Science*
- Charles Albert Otto, B.Sc. in Agr.....St. Marys  
*Field of Specialization: Horticulture*
- Darrell Lee Parks, B.Sc. in Agr.....Eldorado  
*Field of Specialization: Agricultural Education*
- Margaret Katherine Paul, B.S. in Edu. (Kent State University)  
 Massillon  
*Field of Specialization: Home Economics*
- Gary Lee Pearson, D.V.M.....Fremont  
*Field of Specialization: Microbiology*

- William Bender Perkinson, B.E.E.....Portsmouth  
*Field of Specialization: Electrical Engineering*
- Charles Maxwell Perry, B.Sc. in Agr.....Glenford  
*Field of Specialization: Agricultural Education*
- Leonard John Porter, B.S. (Xavier University).....Portsmouth  
*Field of Specialization: Physiology*
- Deanna Bolfa Radeloff, B.S. in Edu. (Bowling Green State University)  
 Perrysburg  
*Field of Specialization: Home Economics*
- Dale Franklin Paul Rank, B.S. (University of Oregon); D.D.S.  
 (Marquette University).....Columbus  
*Field of Specialization: Dentistry*
- Donald Charles Reicosky, B.Sc. in Agr.....East Sparta  
*Field of Specialization: Agronomy*
- James Earl Reinoehl, B.Met.E.....Massillon  
*Field of Specialization: Metallurgical Engineering*
- Richard Louis Remski, B.S. (University of Detroit).....Dayton  
*Field of Specialization: Physics*
- \*Bruce Emerson Roberts.....Tallmadge  
*Field of Specialization: Civil Engineering*
- Edsel Dale Robinson, A.B. (Glenville State College, West Virginia)  
 Madison  
*Field of Specialization: Zoology*
- Eugene Wallace Rork, B.Sc.....Springfield  
*Field of Specialization: Physics*
- Robert Reese Safford, Jr., B.I.E.....Columbus  
*Field of Specialization: Industrial Engineering*
- Maurice Emanuel Scheetz II, B.A. (Ohio Wesleyan University).....Lima  
*Field of Specialization: Microbiology*
- Esther Carnes Scott, B.S. in Nsg. (Western Reserve University)  
 Delaware  
*Field of Specialization: Nursing*
- Herman Elmo Scott, B.A. (Ohio Wesleyan University).....Manchester  
*Field of Specialization: Physics*
- Don Ferris Seaman, B.Sc. in Agr.....Peebles  
*Field of Specialization: Agricultural Education*
- Lizzie Jacob Shallom, B.S., M.S. (University of Nagpur)...Nagpur, India  
*Field of Specialization: Geology*
- Charles Robert Short, D.V.M.....Maple Heights  
*Field of Specialization: Veterinary Medicine*
- Karen Helen Shufelt, B.Sc. in Nurs.....Bellevue  
*Field of Specialization: Nursing*
- Chiumchai Singhashan, B.Sc. in Math. (Chulalongkorn University)  
 Bangkok, Thailand  
*Field of Specialization: Mathematics*
- Samuel Joseph Skarote, B.E.E.....Youngstown  
*Field of Specialization: Electrical Engineering*

\* Two degrees

- Charles Woodrow Skinn, B.E.E.....Wakeman  
*Field of Specialization: Electrical Engineering*
- Willard Franklin Smailes, B.Sc. in Agr.....Warsaw  
*Field of Specialization: Agricultural Education*
- Otto Dwight Smith, B.Sc. in Agr.....Johnstown  
*Field of Specialization: Agricultural Education*
- George Henry Stickford, Jr., B.A.A.E.....Lancaster  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- David McCullough Thomson, B.A. (Michigan State University)..Columbus  
*Field of Specialization: Mathematics*
- Karl Arthur Traul, B.S. (University of Akron).....Cuyahoga Falls  
*Field of Specialization: Microbiology*
- Arthur Joseph Troy, B.S. in E.E. (Northeastern University)  
Sommerville, Mass.  
*Field of Specialization: Electrical Engineering*
- William Nelson Turner, B.S. (Westminster College)..New Kensington, Pa.  
*Field of Specialization: Chemistry*
- Charles Russell Tutt, B.S. in Agr. (Murray State College)..Murray, Ky.  
*Field of Specialization: Agronomy*
- Edward Stanley Tyszka, B.A.....Maple Heights  
*Field of Specialization: Physiology*
- Sharon Cecile Vergez, B.S. (Louisiana State University)..Covington, La.  
*Field of Specialization: Chemistry*
- Maung Tin Wa, B.Sc. (University of Rangoon).....Rangoon, Burma  
*Field of Specialization: Pharmacy*
- Eva Margaret Weiss, B.S. (Southeast Missouri State College)  
Cape Girardeau, Mo.  
*Field of Specialization: Home Economics*
- James Douglas Wells, B.S. in Agr. (University of Kentucky)..Portsmouth  
*Field of Specialization: Agricultural Economics (Rural Sociology)*
- Robert Boyd Williams, B.S. in Pharm. (Ferris Institute)..Big Rapids, Mich.  
*Field of Specialization: Pharmacy*
- Clarence Wilson, B.S. (University of Arkansas).....Little Rock, Ark.  
*Field of Specialization: Microbiology*
- Victor Wendell Winkler, B.A.....Columbus  
*Field of Specialization: Physiological Chemistry*
- Delpha Shaver Wolf, B.Sc.....Columbus  
*Field of Specialization: Microbiology*
- Kenneth Seymour Wulliger, B.E.E.....Cleveland  
*Field of Specialization: Electrical Engineering*
- David Edward Young, B.S. (Baylor University).....Beaumont, Tex.  
*Field of Specialization: Chemistry*

(One hundred and thirty-seven candidates)

### Master of Social Work

- Wilma Jean Clark, B.Sc. in Soc. Adm.....Lancaster  
*Field of Specialization: Social Work*
- Ellen Maude Diss, B.A. (Baldwin-Wallace College).....Cleveland  
*Field of Specialization: Social Work*
- Kenneth Hochstedler, B.A. (Goshen College).....Wellman, Ia.  
*Field of Specialization: Social Work*

(Three candidates)

### CANDIDATES FOR TWO DEGREES

- Bruce Randal Bishop.....Orrville  
Bachelor of Science in Education  
Bachelor of Fine Arts
- Philip Leslie Brown.....Wilmington  
Bachelor of Arts (cum laude)  
Bachelor of Science in Education (cum laude)
- Harold Edwin Chadwick.....Columbus  
Master of Science  
Bachelor of Electrical Engineering
- Ann Esther Cabalac Cogen.....Akron  
Bachelor of Arts  
Bachelor of Science in Education
- Bruce Emerson Roberts.....Tallmadge  
Master of Science  
Bachelor of Civil Engineering

(Five candidates)

# COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

## Bachelor of Science in Agriculture

John Henry Brown, Jr.....	Hillsboro
Ronald Eugene Clark.....	Tiffin
Ned Sylvester Coffman.....	Lancaster
John Richard Conway.....	Cincinnati
Frank Richard Coulter.....	Negley
Daniel Lee Eustache.....	Sidney
Gary Francis Fairchild.....	Marion
James Edward Fry.....	Reynoldsburg
Maxine Kay Gorby.....	Negley
Gene Arthur Gray.....	Delaware
Robert Eugene Grover.....	Hillsboro
Jerry Francis Hackett.....	London
James Frederick Haskins.....	Bowling Green
Charles Beshara Hobaica.....	Sauquoit, N. Y.
Larry Howard Hosley.....	Curtice
David Charles Hudak.....	Ashland
John Arthur Jordan.....	Sullivan
Max Lee Kells.....	Cable
Quintin Curtis Linn.....	Bucyrus
James Michael McDonnell.....	Delta
Price McKinney McIntosh.....	Fort Lauderdale, Fla.
Donald Henry Monat, Jr.....	Galion
James William Morton.....	Portsmouth
Isaiah Murunga Ndethiu.....	Nairobi, Kenya
Lloyd William Reese, Jr.....	Elida
Kenneth James Robinson.....	Whipple
Rex Joseph Smith.....	Bryan
Alan Ewald Thuernau.....	Green Springs
John Wilson Tostrick.....	New Bremen
Peter Gregory Truckor.....	Metamora
Gilbert Franklyn Vastine, Jr.....	Blanchester
Carl Bradford Weaver.....	Union City, Ind.
Gerald Lee Wenzinger.....	New Bavaria
Roger Earl Wyse.....	Wauseon
Richard Michael Yoder.....	West Liberty
Neil Edwin Zimmer.....	Marietta

(Thirty-six candidates)

## Bachelor of Science in Dairy Technology

Duane Stanley Snoddy.....	West Salem
Paul Anthony Washington.....	Cleveland

(Two candidates)

## Bachelor of Science in Food Technology

Frederick Arthur Hegele.....	Bedford
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(One candidate)

## **SCHOOL OF HOME ECONOMICS**

### **Bachelor of Science in Home Economics**

Gayle Eileen Bartrum.....	Berea
Jacquelyn Petri Bartz.....	Fairview Park
Nancy Pauline Bonar(cum laude).....	Clarington
Janet Holdren Campbell.....	West Liberty
Judith Logan Chapman.....	Mt. Gilead
Carol Miller Currie.....	Pittsburgh, Pa.
Mary Anderson Dimmick.....	Mt. Vernon
Jeannette Karn Dudleson.....	London
Jeanne Miller Henderson.....	Columbus
Joyce McCleery Hirn.....	Van Wert
Diane Ruth Hopp.....	Perry
Ellen Deborah Kornweiss.....	Far Rockaway, N. Y.
Lucille Ann Livingston.....	Nova
Barbara Ellen Mott.....	Cedarville
Sandra Jo Nagy.....	Columbus
Karen Ryu Nishimura.....	Kettering
Mildred Irene Norris.....	Coshocton
Nina Mugleston Ownby (summa cum laude).....	Salt Lake City, Utah
Ellen Porteus.....	Coshocton
Patricia Masek Rowley.....	Ashtabula
Jacqueline Lee Saunders.....	Cleveland
Joan Sue Shrider.....	Columbus
Carolyn Wright Trimbach.....	Dayton

(Twenty-three candidates)

### **Bachelor of Science in Food Technology**

Marcia Louise Annear.....	Berea
Henry George Kelley.....	North Babylon, N. Y.

(Two candidates)

# COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

## Bachelor of Arts

John Clifford Acomb.....	Columbus
Samuel Albert.....	Toledo
Roger Franklin Barriteau.....	Dayton
Frederick James Barry.....	Columbus
Judith Carol Berg.....	Chicago, Ill.
Linda Lou Black.....	Westerville
Thomas Vincent Boeke.....	Columbus
Joseph Edward Bolek.....	Beachwood
Patti-Ellen Zuidema Bonnell.....	Worthington
Wilbur Dean Bostic.....	Barberton
Leonard William Braden.....	Columbus
Carolyn Rebecca Britt.....	Columbus
*Philip Leslie Brown (cum laude).....	Wilmington
Vernon Dale Burk.....	Kettering
Robert Joseph Byrne.....	Mansfield
Michael Alan Calvert.....	Columbus
Margaret Jean Cameron.....	Columbus
Luanne Roebuck Carey.....	Lima
Russell Steele Carson.....	Huron
Pete Steve Christ.....	Mansfield
Jennifer Dee Clark.....	Worthington
John William Clifford.....	Columbus
*Ann Esther Gabalac Cogen.....	Akron
Paul Hayes Coleman.....	Columbus
Christopher Robert Coulton.....	Mentor
William Francis Craig.....	Curtice
Ronald Cole Dailey.....	Findlay
Dorothy Estella Dickinson, B.Sc. in Edu.....	Ashville
Ilze Dikis.....	Waverly
Margaret Marie Doering.....	Logan
Frederick Henry Doran.....	Columbus
Madelon Rosensweig Dritz.....	Hamilton
Carol Ann Dunbar.....	Wauseon
Michael Vincent Durkin.....	Columbus
Robert Andrew Emery.....	Wauseon
William David Farr.....	Columbus
Caryol Lynn Farrell.....	Galloway
Charles Blaine Fielding.....	Cleveland
Ursula Maria Franz.....	Columbus
Jerome Friedman.....	Columbus
James Delbert Fullen.....	Newark
Arnold Fredric Gans.....	University Heights
Richard Geltzer.....	Cleveland
Rock Mitchell Gettys.....	Columbus
David Buchanan Gill, B.Sc.....	Mt. Vernon
Sandra Sue Hamilton.....	North Royalton
Jamie Hooper Harper.....	Springfield
Carl Leonard Harshman.....	Sidney
David Lee Haskins.....	Oberlin
Roger Eugene Hayman.....	Mt. Sterling
Clarence Luther Heckman.....	Pemberville

\* Two degrees



Katherine Marie Heyd.....Lakewood  
 James Lloyd Howell.....Columbus  
 David Jonathan Hoyer.....Dayton  
 Donald John Hulslander, Jr.....Columbus  
 Sue Ellen Humbert.....Mt. Vernon  
 James Harold Jackson.....Akron  
 Dennis Edward Janco.....Lakewood  
 Carla Louise Johnson.....Columbus  
 Frank Newton Jones, Jr.....Columbus  
 Norman Houston Jones.....Akron  
 Christopher Anthony Joseph.....Columbus  
 Leroy Kenneth Kadow.....Cleveland  
 Janet Alexandria Kail.....Cleveland  
 Francine Levine Kleinstub.....University Heights  
 Christ Demetrius Kossoudji.....Dayton  
 Vonnie Mae Kriebel.....Columbus  
 Paul Anthony Krusinski.....Boston  
 Dorothea Ann Kutler.....Circleville  
 Bruce Ian Larrimer.....Columbus  
 William Frank Lawyer.....Cambridge  
 Jeanne Delores Lee.....Dayton  
 George Dwight Lehman.....Kettering  
 Michael Clair Lerch.....Bucyrus  
 Richard Michael Levine.....Cleveland Heights  
 Nancy Joan Lowmiller.....Columbus  
 Ann Elizabeth Langdon Loxterman.....Columbus  
 Linda Louise Lyndes.....Grafton  
 Barbara Spencer Martin.....Columbus  
 John Stuart Martin.....Columbus  
 Jacqueline Sue Maxwell.....Indianapolis, Ind.  
 Diane Wasserman McCandlish.....Columbus  
 Rosellen McKenzie.....Orr's Island, Me.  
 Jane Wales McQuade (cum laude).....Mansfield  
 Jane Merican.....Toledo  
 Martin Edward Miller.....Columbus  
 Patrick Thandika Mkandawire.....Blantyre-Limbe, Malawi  
 Sarah Jane Moore (cum laude).....Westerville  
 Linda Beth Orgel.....Canton  
 Daniel Graham Paterson.....Dallas, Tex.  
 Byron Lafayette Peasley.....Westerville  
 David Anthony Picozzi.....Hanover, N. H.  
 William King Pierce.....Columbus  
 Frances Sue Rafelson.....Decatur, Ill.  
 Jane Lyn Ramsey.....Columbus  
 Michael Peter Ream.....Novelty  
 Richard Norman Renn (cum laude).....Marion  
 Corinne Adams Rieder.....Columbus  
 James David River.....Chillicothe  
 Margaret Ellen Rowan.....Shadyside  
 Donald Earl Ruff.....Columbus  
 Donald George Sapp.....Columbus  
 Raymond John Scheetz, Jr.....Youngstown  
 Barry Schonberg.....University Heights  
 Richard M. Scott.....Wooster  
 Robert Walter Selfe, Jr.....Columbus  
 Martha Caesar Shaffer.....Westerville

Susan Shephard.....	Columbus
Robert Charles Skillicorn.....	Bedford
Gae Cheryl Slivinske.....	Willoughby
Jacqueline Eugenia Smith.....	Cleveland
Mibs Blocki Somerville.....	Stow
Barbara Brown Sonner.....	Cincinnati
Philip Keith Sonner (with Distinction in English).....	Worthington
Kenneth Jerome Spicer.....	Willoughby
Clifford Forrest Stickel.....	Cleveland
Barbara Norma Strutin.....	Youngstown
John Robert Sundra.....	Parma
Robert Lee Thompson.....	Piqua
Roger David Tibbetts.....	Lakewood
James Foster Turner.....	Columbus
Andrew Scott Utley.....	Columbus
George Quigley Vaile.....	Columbus
Peter Teguns VanBaalén.....	Cleveland
Charles Edward VanScoy.....	Lancaster
William Jacob Venable.....	Alexandria, Va.
Robert Lee Walker.....	Wellsville
Richard Innis Ward.....	Columbus
Mickey Emery Waters.....	Bellefontaine
Richard Albert Weaver.....	Bedford
Samuel Bernard Weiner.....	Columbus
Steven Ralph Wiesenberger.....	Cleveland
Cole Bradford Willoughby (cum laude).....	St. Marys
Robert Donald Wirtz.....	Cincinnati
Barbara Lee Wise.....	Dayton
Shafic Toufic Yaktin.....	Dakar, Senegal
Michael Edward Yurosko.....	Euclid

(One hundred and thirty-seven candidates)

### Bachelor of Science

Clarence William Adams, Jr.....	Hilliard
Thomas Taylor Allger.....	Dublin
David Clinton Ashcraft.....	Coshocton
Lynwood Lawrence Battle, Jr.....	Cincinnati
James Lee Baumgardner.....	Brookville
Cheryl Cecile Beucler.....	Columbus
Patricia Dianne Bierberg.....	Columbus
James William Blackburn.....	Loveland
Robert Edward Brown.....	Lynchburg
Alexander B. Bunson.....	McKeesport, Pa.
Robert Hector Cameron, B.A. (Franklin and Marshall College)	Ridgewood, N. J.
Lawrence Emil Chapandar.....	Canton
Robert Gene Charles.....	Columbus
Dennis Joseph Chojnacki.....	Maple Heights
Lawrence Colbert.....	Cleveland
Michael Wilbur Coon.....	Cleveland
Ronald Lloyd Cornelius.....	Pleasantville, N. J.
David Lee Dayton.....	Tiffin
Carlyle Donald Eckstein.....	Shaker Heights
Ogden Chester Eggleston.....	Lincoln, Nebr.
Stanley Austin Eichelberger.....	Cincinnati
Anne Deborah Finkel.....	Pennsauken, N. J.

Barry Duane Gilligan.....	Akron
Ellen Ruth Goldstein.....	Flushing, N. Y.
Ronald Eugene Goolsby.....	Columbus
Roger Van Gossick.....	Tullahoma, Tenn.
William Edward Hanners (cum laude).....	Springfield
Chester J. Hauck.....	Groveport
Elva Rose Herroon.....	Perrysburg
David Carl Hoffman.....	Helena
Richard Samuel Kattouf.....	Akron
Robert Phillip Kropac.....	Ravenna
John Weston LeSar.....	Lancaster
Gary Keith Lulfs.....	Hamler
Elizabeth Mae Martin.....	Columbus
Billy Carrol Mayo.....	Houston, Tex.
Martha Jane Miller.....	Barberton
Thomas Edward Oxley.....	Troy
Lawrence John Pfeil.....	Lakewood
Marvin Lee Pflaumer.....	New Carlisle
Douglas Jefferson Pride.....	Youngstown
John William Prince.....	St. Paris
Larry Anderson Pugh.....	Yorkville
Rowland Bankson Randall.....	Greenville
Billie Marie Rengstorff.....	Columbus
Samuel J. Rice.....	Hamilton
Richard Victor Scheu.....	Lancaster
Robert Alan Schriber.....	Dayton
Paul Werner Seck.....	Canton
Nicholas Thomas Simon.....	Lakewood
William Allen Snider.....	Bay Village
William Thurman Snyder.....	Columbus
Larry Michael Soine.....	Cambridge
Frank Edward Travers.....	Leavittsburg
Bruce Harris Trusler.....	Cleveland
Connie Ruth Warren.....	Cleveland
Jay Irwin Watkins, Jr.....	Columbus
Marcia Shirley Weintraub.....	Toledo

(Fifty-eight candidates)

#### **Bachelor of Science in Medical Technology**

Susan Gail Becker.....	Youngstown
Letty Lytton Butcher.....	Pittsburgh, Pa.
Ina Rebecca Duncan.....	Columbus
Bonnie Ellen Fryer.....	Lakewood
Hallie Jo Kersey.....	Lebanon
Alma Gaye LeFlore.....	Canton
Sharon Lee Lewis.....	Columbus

(Seven candidates)

#### **Bachelor of Science in Physical Therapy**

Barbara Ann Abel.....	Cleveland
Barbara Kay Dempster.....	Middletown
Toby Fettner.....	Cincinnati
Joan Leanne Gibson.....	Berlin Center

Janet Brown Secrist.....Columbus  
 Gretchen Sue Tidd.....Dublin

(Six candidates)

## **SCHOOL OF JOURNALISM**

### **Bachelor of Arts**

Loretta Joan Blaser.....Alliance  
 Patricia West Dickelman.....Cleveland  
 Judith Ann Eckert.....Cleveland  
 Edward Gross, B.S. (City College, New York).....Bronx, N. Y.  
 Marcella Mae Hilt.....Pemberville  
 Samuel Budd Huff.....Dover  
 Judith Marie Mengering.....Lexington  
 Ladd Alan Neuman.....Wapakoneta  
 Ann Thompson Wheeler.....Columbus

(Nine candidates)

## **SCHOOL OF OPTOMETRY**

### **Bachelor of Science in Optometry**

Gary Brian Zimmerman.....Beachwood

(One candidate)

# COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

## Bachelor of Science in Business Administration

Daniel Preston Adamson, Jr.	Lubbock, Tex.
Robert Harry Ahlborn	Lockbourne
David Lynn Andrews	Dayton
Robert Resur Bagley	Marion
Barbara Ann Akey Beck	East Liberty
Jack James Bender	Canton
Donald Lawrence Bleich	Cincinnati
Douglas James Bradt	Dayton
Richard Warren Buxbaum	Jersey City, N. J.
Raymond Wilson Cargould	Medina
Henry Nicholas Carriger	Winchester, Ill.
Daniel Joseph Carro	Columbus
James Lynn Carroll	Bryan
Ronald Warren Christiana	Graterford, Pa.
Vaughn Dennis Clutter	Columbus
William Latham Clymer	Dayton
Kenneth Louis Coleman	Centralia, Ill.
Bruce Alan Conard	Chillicothe
Richard Dexter Conn (cum laude)	Akron
Francis Dewey Contos, Jr.	Columbus
Quentin Cooley	Columbus
Anthony Cordiano	Columbus
David Broughton Crall	Willard
Robert Alan Day	Columbus
Gene Donald Deidrick	Columbus
John Leslie DeLong	Columbus
Richard Norman Distelhorst	Hilliard
Darryl Byron Dobras	Lorain
Ronald Michael Dolinger	Columbus
Edward Julius Dollenmayer	Columbus
Stephan Douglas Dreffer	Montpelier
Kenneth William Dreitzler	Grove City
George Lee Edwards	Hattiesburg, Miss.
Carole Elder Elsea	Riverside, Conn.
Anita Linda Fine	Hollywood, Fla.
Theodore Harvey Finesman	Canton
Roger Barry Finney	Canton
Richard Walters Foster	Columbus
Robert Michael Foster	Elida
James Thomas Fuerhoff	Parma Heights
Gary Arthur Gieser	Willard
Mary Ann Gordon	Wilmington
Lawrence David Gotlieb	Clarksburg, W. Va.
David Anthony Greenfield	Locust Valley, N. Y.
Eizabeth Lucas Grubb	Pittsburgh, Pa.
Charles Willard Hannon, Jr.	Columbus
Richard Crane Jameson	Waverly
Gary Martin Jenkins	Springfield
Thomas Christian Kiehfuss	Cincinnati
David Paul Knight	DeGraff
Thomas John Kovalchek	Cleveland

George William Krull, Jr.....	Columbus
James Douglas Kucera.....	Delaware
John Chester Kuntzman.....	Frankfort
Dale Edward Ledman.....	Bellevue
Jeffrey Allen Lewis.....	Sandusky
Gerald Alan Lloyd.....	North Royalton
William Basil Mangano.....	East Liverpool
Christopher Patrick McAllister.....	Chillicothe
James David McMillen.....	Worthington
Robert Malcolm McNair.....	Ashtabula
Harry Donald McNally.....	Cuyahoga Falls
William Augustus Messerly, Jr.....	Steubenville
Barry Randolph Mintzer.....	Brooklyn, N. Y.
Jeffred Moroff.....	Cleveland
James Lowell Murr.....	Dayton
Sheryl Frances Natkins.....	University Heights
Jerry Eugene Neal.....	Columbus
Philip Mark Needles.....	Russells Point
Patrick Eugene O'Hara.....	Green Camp
John Everett Osborn.....	Columbus
Lois Rosalind Pearson.....	Cleveland
Jacob Roger Peck.....	Millersburg
James Howard Phillips.....	Lakewood
John Edward Phillips, Jr.....	New Philadelphia
Gary Howard Podlish.....	Akron
Anil Raikhy.....	Ludhiana, Punjab, India
David James Raines.....	Livonia, Mich.
Richard Norman Ransbottom, Jr.....	Roseville
James Bryant Rees.....	Kent
Joseph Augustus Roach.....	Columbus
Howard Fredrick Scott.....	Cleveland
William John Scott, Jr.....	Shaker Heights
Melvin Richard Shane.....	Fletcher
James Thomas Share.....	Cambridge
William Robert Shelton III.....	Columbus
George Edward Shute (cum laude).....	Lima
Daniel Lee Smith.....	Columbus
Stephen Albert Soler.....	Columbus
Christopher Augustin Somers.....	Kingston, Jamaica
James Harry Streck.....	Medina
Ralph Alan Tomlinson.....	Newark
Arthur Ralph Turek.....	Elyria
Eric Stephen Ulrikson.....	Zanesville
George Gabriel Vargo.....	Columbus
Eugene John Warner.....	Canton
Richard Belden Waugh, Jr.....	Pittsburgh, Pa.
Thomas Lynn Weidle.....	Dayton
Stephen Jack Weinberg.....	Cleveland
Ronald Glenn Wolfe.....	Columbus
John McMahon Young.....	Toronto

(One hundred and one candidates)

## SCHOOL OF SOCIAL WORK

### Bachelor of Science in Social Welfare

Samuel Earl Davis.....	Dayton
Ray Edward Flowers.....	Cleveland
Anne Saenger Franklin.....	Columbus
Judy Baker Hiltman.....	Columbus
Phyllis Ann Linder.....	Cleveland Heights
Sharon Lee Mowl.....	Gnadenhutzen
Carol Stephens Plunkett.....	Columbus
Royana Lampman Schultz.....	North Canton
Garnet Gayle Shane.....	Columbus
Norma Soupcoff Smith.....	Columbus
John Monroe Weaver.....	Columbus
Carolyn Ellis Welch.....	Adamsville, R. I.

(Twelve candidates)

# **COLLEGE OF DENTISTRY**

Dean: JOHN R. WILSON

## **Doctor of Dental Surgery**

Michael James Bernard, B.S. (Allegheny College).....South Euclid  
Michael Duane Wootton.....Columbus

(Two candidates)



# COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

## Bachelor of Science in Education

Virginia Frances Abbott.....	Akron
Karen Annette Adams.....	Rittman
William Marion Alcott.....	Columbus
Carolyn Bissantz Alley.....	Bethel
Joyce Folden Anderson.....	New Lexington
Jeremiah Joseph Anglim.....	Worthington
Dianne Evelyn Arbuckle.....	Reynoldsburg
Hope Margaret Atkins.....	Stow
Gayetta Ann Baker.....	Republic
Sherry Lynn Barger.....	Birmingham, Mich.
Darlene Carol Barrick.....	Newton Falls
Susan Bartz.....	Toledo
Janet Louise Bass.....	Wyoming
Patricia Ann Bathory.....	Dayton
Howard Blaine Beekman.....	Idaho
Gertrude Ingeborg Berthold, B.A.....	Euclid
*Bruce Randal Bishop.....	Orrville
Nancy Anne Blake.....	Columbus
Melinda Kohler Blakie.....	Dayton
Sandra Lynette Boas.....	Fostoria
Bonnie Frances Boggs.....	Pickerington
Eleanor Wester Bowman.....	Hebron
Dorothy Anne Braden.....	Stow
Richard Dean Bradshaw.....	Columbus
Joan Carol Brauning.....	Rocky River
Jo Carol Brown, B.Sc.....	Columbus
*Philip Leslie Brown (cum laude).....	Wilmington
Richard Louis Brown.....	Newark
Frederick George Brunner.....	Beloit
Joyce Carol Brusman.....	Vandalia
Barbara Dale Bunn.....	Kent
Elizabeth B. Burns.....	New York, N. Y.
Patricia White Burr.....	Galloway
Richard Curtis Butler.....	Mason
Max George Carey.....	DeGraff
Ivy Veronica Carter.....	Columbus
Demi Badger Casto.....	Columbus
Phyllis Amicarelli Coate.....	Euclid
Robert Jude Cochrun.....	Columbus
*Ann Esther Gabalac Cogen.....	Akron
Harriet Miller Collins.....	McComb
Robert Ward Conrad.....	Columbus
Virginia Knox Cornwell.....	Canal Winchester
Shirley Jean Coston.....	Columbus
Mary Jane Baumhardt Courter.....	Elyria
JoAnn Kay Cramer.....	Marion
Frank Buddy Crews.....	Columbus
Carol Aileen Culbertson.....	Shelby
Merrily Butler Cunningham.....	Gahanna
Ronald Edward Dalton.....	Marion

\* Two degrees

Susan Simsic Day.....	Lorain
Joan Marie Dilley.....	South Euclid
Richard John Dilley.....	Nevada
Barbara Ann D'Luzansky.....	Wickliffe
Alfred Lewis Dominico.....	Lorain
Earl Edward Donaldson, Jr.....	Columbus
Suzanne Weekly Donelson.....	Columbus
Donald Wayne Dowling.....	West Union
Susan Schneider Doyle.....	Alliance
Pamela Lewis Drum (summa cum laude).....	West Salem
Patrick Fallon Durham.....	Columbus
Maxine Sara Durjava.....	Amherst
Mary Lee Eigensee.....	Columbus
Diana Lee Espenschied.....	Dover
Paul Arthur Felver.....	Willard
Rose Marie Finke.....	Dayton
Portia Ann Floyd.....	Columbus
Edna Ann Fowler (cum laude).....	Cincinnati
James Aaron Fraley.....	Middletown
Susan Sheppard Friend.....	Washington C. H.
Waunita Lewis Fuerhoff.....	Gallipolis
Mildred May Geiger.....	Columbus
Carolyn Leslie Giffin.....	Dayton
Barbara Ann Gorsky.....	Dover
Larry Lee Gosnell.....	Adena
Joan Alison Griffin, B.A.....	Columbus
Joan Estelle Hagburg.....	Hilliard
Paul Frederick Hammond.....	Sandusky
Alice Carolyn Hansen.....	Bellevue
John Paul Harlow.....	Newark
Steven Herbert Harvey.....	Wilmington
LeRoy Robert Heibel, Jr.....	Columbus
Roy Lester Henderson, B.Sc.....	Salem
Janet Maureen Hennessey.....	Columbus
John Michael Hennike.....	Cincinnati
Susan Hague Henthorn.....	Columbus
Dan LeRoy Hickey.....	Dayton
Daniel William Hiltman.....	Toledo
Ronald Lee Hodge, B.S. (University of Dayton).....	Englewood
Diane Durholt Hohman.....	Maumee
Zetabarbara Nelson Holcombe.....	Sidney
Joseph Carl Housteau.....	Girard
Kenneth John Hughes.....	Eastlake
Helen Suzanne Hull.....	Greenfield
Sandra Rae Hysell.....	Columbus
Mary Allen Johnson.....	Columbus
Sharon Lynne Jones.....	Columbus
Judith Leontine Justin.....	Cleveland
Thomas William Kaugher, Jr.....	Cuyahoga Falls
David Roger Keane, B.Mus.....	Akron
Susan Klaer.....	New Albany
Marcia Klein.....	Cleveland
Anna Laderman Kogel.....	Mansfield
Elaine Avren Kravitz.....	Columbus
Sanford Harvey Krupman.....	Cleveland Heights
Jerilyn Lazear.....	Columbus

Jack R. LeMaster.....	Wheelersburg
Mary Lou Lentz.....	Gibsonburg
Paula Silverman Levine.....	Lawrence, Mass.
Sheldon Earl Levine.....	Dayton
Robert Augustine Link.....	Lima
Janet Ellen Lotz.....	Columbus
Marvin Lynn Lovell.....	Marion
Kevin Patrick Lynch.....	North Olmsted
MaryAnn Macklin.....	Columbus
Robert Nielson MacVicar.....	Worthington
Roberta Patsy Malbin.....	University Heights
Betty Ellen Marks.....	Cleveland
Ann Nordholt Martone.....	Tiffin
Johnnetta Lee Maxwell.....	Dayton
Donald Breece McClarren.....	Galion
Deborah Dohn McConnell.....	Lynchburg
Sandra Lee McCoy.....	Loveland
Ronald Eugene McCutcheon.....	Zanesville
Sueann Curtis McGannon.....	Troy
Barbara Sagel Meisse.....	Mansfield
Victor Davis Merullo, B.Sc. in Bus.Adm.....	Columbus
Judith Eileen Messett.....	Oberlin
Nancy Lee Miles.....	Akron
Barbara Mosonics Miller.....	Parma
David Ellis Miller.....	Columbus
Sharon Kay Miller.....	London
Sandra Kay Millhuff.....	Wooster
Chester Wesley Mirick.....	Columbus
Beverly May Moncol.....	Parma
David Stanley Moore.....	Columbus
Harold Frank Morris.....	Ashland
Susan Elaine Morris.....	Columbus
Sally Jean Moulder, B.A. (Ohio Wesleyan University).....	Columbus
Joel Edward Mullin.....	Columbus
Shirley Marie Nault.....	Columbus
Ronald Nicholson.....	Columbus
Vernon Ronald Noggle.....	Sycamore
Mary Browning Norton.....	Columbus
Margaret McCready Osburn.....	Newark, Del.
Ruthanne Rowe Paige.....	Lima
Thomas Joseph Palardy.....	Springfield
Carolyn Friese Palmer.....	Columbus
Dale Edward Palo.....	Conneaut
Margaret Briggs Pappas.....	Worthington
Marjorie Matson Pearlman.....	Shaker Heights
Rose Marie Pearson.....	Plain City
Betty Jo Ferguson Pendleton.....	London
Noreen Avonne Peterka.....	Vermilion
Barbara Ann Pfalzgraf.....	Clarington
Ruth Pauline Phillips, B.Sc. in Nurs.....	Tippecanoe
Dennis Arthur Pickering.....	Piqua
Marsha Frager Polster.....	Columbus
Linda Eileen Pottish.....	Warren
Sharon Lee Pratt.....	Columbus
Edwin Bernard Preest.....	Columbus
Ruth Lucas Prince.....	Eaton

Douglas Ernest Pugh.....	Mansfield
Nancy Tittelbaugh Ramey.....	Mansfield
Thomas Kellough Rankin.....	Washington C. H.
Anita Beth Raskind.....	Beachwood
Beverly Faye Redman.....	Newark
Barbara Faye Reed.....	Columbus
Gloria Tyree Reid.....	Cleveland
Sharon Grice Reiselt.....	Dublin
Sharon Lee Remer.....	Toledo
Alan Ralph Richardson.....	Columbus
Melvin Vernard Richardson.....	Columbus
Richard Paul Ricketts.....	Belle Center
Gail Minnich Roach.....	Columbus
Evelyn Basiger Roeder.....	Mt. Vernon
Richard Dale Roemer.....	Dayton
Karen Sutphen Rose.....	Columbus
Orrin Merle Rose II, B.A. (DePauw University).....	Worthington
Kathleen Schroats Rowland.....	Newark
Ruth Etta Russell.....	Columbus
Robert Lewis Ruth.....	Bucyrus
Adelaide Moore Sampselle (cum laude).....	Kenton
Daniel Robert Sanders.....	Richwood
Jack Tolford Sanders.....	Galion
Carol Taylor Scheetz.....	Pickerington
Alan Wayne Sheppard.....	Columbus
Jane Elizabeth Sheridan.....	Zanesville
Richard Lee Sherwood.....	Columbus
Kenneth Siegel.....	New York, N. Y.
Dorothy Jean Sila.....	Garfield Heights
Susan Elizabeth Simmonds.....	Pittsburgh, Pa.
Marilyn Hague Simon.....	Columbus
Carol Blodgett Skow.....	Toledo
June Simmermon Slaughter.....	South Solon
Larry Lee Slonaker.....	Pataskala
Margaret Ann Smiley (cum laude).....	Delaware
Linda Ann Souders.....	Galena
Woodrow Oakie Spriggs, Jr.....	Columbus
Vivian Harris Starks.....	Columbus
Rose-Marie Jane Stewart.....	Columbus
Thomas Joseph Stincic.....	Cleveland
Lester Lee Stiner.....	Ostrander
Pamela Jo Studebaker.....	Tipp City
Jane Elizabeth Stupp.....	Springfield
Margaret Ludwig Svenson.....	Canton
Russell Willis Swope.....	Columbus
Donald P. Tate.....	Columbus
Stephanie Ruth Taylor.....	Wilton, Conn.
Timothy Wade Terry.....	Columbus
Charles Edmund Thurman.....	Shelby
Steve Allen Tobias.....	Westerville
John Michael Tobin.....	Cleveland
Ann Viney Todd (summa cum laude).....	Shaker Heights
Kathryn Breckenridge Todd.....	Columbus
Marion Hazel Tomlinson.....	Springfield
Sheila Anne Tripler, A.B. (Miami University).....	Columbus
Mary Ann Ubbing.....	Columbus

Vicki Vallery Utrata.....	Waverly
Nell Marie Vandenberg.....	Rocky River
Susan Kay Van Oosten.....	Bay Village
Sukajit Vienravi, B.S. (Chulalongkorn University)....	Bangkok, Thailand
Sally Jo Vincent.....	Columbus
Joseph Anthony Wagner.....	Lima
Jane Culp Walsh.....	Canal Fulton
John Joseph Walsh, Jr.....	Flushing
Nancy McInturf Warner.....	Newark
Stephen Paisley Warner.....	Zanesville
William Lewis Watkins, Jr.....	Cleveland
Charles Lowell Wegner.....	Maumee
Alice Powers Weibacher.....	Columbus
Marla Stiel Weisberg.....	Cleveland Heights
Alfred John Weisbrod.....	Cincinnati
Jay Dean Wells.....	St. Marys
Joel Eugene West.....	Dublin
Marcia Ann White.....	Cincinnati
Susan Jane Williams.....	Columbus
Reginald David Winland.....	Pleasant City
Lorna Kay Worthington.....	Zanesville
Linda Lee Yandle.....	New Carlisle
Janet Brown Yeoman.....	Lima
Mary Rose Young.....	Republic
Corinne Isabel Zacks.....	Columbus
Christina Rae Zerkoff.....	Columbus

(Two hundred and forty-four candidates)

### Bachelor of Fine Arts

Patricia Lawless Berns.....	Columbus
*Bruce Randal Bishop.....	Orrville
Jon Allan Dexter.....	West Milton
Peter Hotchkiss Entorf.....	Baltimore, Md.
Richard Wayne Grabenkort.....	Worthington
Diane Teramana Graham.....	Steubenville
Pamela Jane Herrold.....	Columbus
Anne Virginia Jackson (cum laude).....	Columbus
Patricia Swank Krebs.....	Mansfield
Carolyn Ruth Krupp.....	Gates Mills
Richard Carl Lefkowitz.....	South Euclid
Carter Paul Neff.....	Lakewood
Theodore Robert Pearson.....	West Milton
Elizabeth Anne Poulson.....	Ashtabula
Victoria McNabb Wheeler.....	Columbus
Ronald David Williams.....	Chagrin Falls

(Sixteen candidates)

### Bachelor of Music

James Wallace Bane.....	Warren
James Bardwell Boynton.....	Columbus
Roberta Gates McIntosh.....	Medina

(Three candidates)

\* Two degrees

# COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

## Bachelor of Aeronautical and Astronautical Engineering

Lawrence Elroy Olson.....Venetia, Pa.  
Steven Morton Stevenson.....Poland  
Peter Edwin Susey.....Columbus  
David George Wallace.....Walhonding

(Four candidates)

## Bachelor of Ceramic Engineering

John Henry Hothem.....West Lafayette  
Charles William Kistler.....Ottawa  
Martin Phillip Meacham.....Pleasant City  
David Barry Ott.....Caledonia  
Larry Jay Zook (cum laude).....Canton

(Five candidates)

## Bachelor of Chemical Engineering

Charles Edward Baumann.....Columbus  
Eugene Neil Wheeler.....Vermilion

(Two candidates)

## Bachelor of Civil Engineering

Dale Anthony DeCarlo.....Columbus  
Spyridon Alexiou Kanellis.....Athens, Greece  
\*Bruce Emerson Roberts.....Tallmadge  
James Allan Scherocman.....Rocky River

(Four candidates)

## Bachelor of Electrical Engineering

Nicholas Adankpoh Amouzou.....Lomé, Togo  
Alan Robert Brunsman.....Dayton  
\*Harold Edwin Chadwick.....Columbus  
Lawrence Lee Feth.....Salineville  
John Edwin Hawkins.....Jefferson  
James Judson Park.....Glenmont  
William Lewis Rogers.....Columbus  
Demetrius Christos Theodorides.....Volos, Greece  
Donald James Voorhies.....Niles  
Clifford Eugene Ward, Jr.....Mulberry  
William Harold Welch.....Massillon

(Eleven candidates)

## Bachelor of Industrial Engineering

Robert James Bambeck.....Parma  
Eugene Neil Elleman.....Eaton  
Donald Howard Flatt (cum laude).....Brooklyn, N. Y.  
Richard Kurt Von Maur.....Columbus

(Four candidates)

\* Two degrees

### **Bachelor of Mechanical Engineering**

Harry Leroy Fidoe.....Salem  
Richard Redwine Gates (cum laude).....New Richmond  
Duane Larry Stucky.....Bloomville  
Fredric Marvin Timm.....Yuma, Ariz.

(Four candidates)

### **Bachelor of Science in Physics**

Shirley Dunn Jin.....Akron  
John Nash Thomas.....Columbus

(Two candidates)

## **SCHOOL OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE**

### **Bachelor of Architecture**

Steven Terry Blum.....Newark  
Barry Ralph Cline.....Downsview, Ont., Canada  
Brian Craig McConnell.....Troy

(Three candidates)

## COLLEGE OF MEDICINE

Dean: RICHARD L. MEILING

### SCHOOL OF NURSING

#### Bachelor of Science in Nursing

Sharon Montgomery Baker.....	Unionville
Mary Ann Elder Bates.....	North Canton
Diana Lea Callender.....	Edgerton
Janet Lavenia Cockley.....	Harrisburg, Pa.
Sally Ann Debolt.....	Croton
Thelma Ruth Esquivel.....	Galion
Sandra Jean Fisher.....	Athens
Dee Anne Ford.....	Cumberland
Kay Elaine Forsythe.....	Shiloh
Karen Marie Gegner.....	Sandusky
Carol Jean Guth.....	Euclid
Nancy Joanne Hammond.....	Granville
Marilyn Joyce Hawk.....	Fostoria
Mary Constance Higgins.....	Centerville
Carol Anne Kirgis.....	Dayton
Regina Kornblum.....	Jackson Heights, N. Y.
Marjorie Catherine Krauser.....	Toledo
Joyce Stubbins Lawrence.....	Columbus
Carolyn Lee McDonough (cum laude).....	Euclid
Judith Ann Meterko.....	Marblehead
Dianne Lucille Otto.....	Huron
Christina May Schuckert.....	Clinton
Patricia Anne Spellerberg (summa cum laude).....	Columbus
Judith Ann Sulek.....	Cambridge
Catherine Ann Tank.....	Toledo
Marilyn Margaret Vondran.....	Delphos
Karen Joy Zelko.....	State College, Pa.

(Twenty-seven candidates)

#### Bachelor of Science in Occupational Therapy

Marie Ann Clymer.....	Westerville
Barbara Jean DeSanti.....	Huntington Station, N. Y.
Marjorie Bertha Dussault, B.Edu. (University of Toledo)....	Dudley, Ga.
Alice Ann Gill.....	Wellston
Ellen Amelia Keyser.....	Columbus
Margaret Susanna Lauf.....	Johnstown, Pa.
Elizabeth Ann Newcomer.....	Cincinnati
Mary Moore Robinson.....	Upper Saddle River, N. J.
Inga Jean Skromme (summa cum laude).....	Lancaster, Pa.
Sharon Ann Walsh.....	Logan
Jacquelyn Kay Williams.....	Willard

(Eleven candidates)



# COLLEGE OF PHARMACY

Dean: LLOYD M. PARKS

## Bachelor of Science in Pharmacy

Stephen Louis Cico.....	Lorain
David Stanley Kuhn.....	Columbus
James Edward Smiley.....	Columbus

(Three candidates)

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND THIRD MEETING  
OF THE BOARD OF TRUSTEES

Wooster, Ohio, September 14, 1965

The Board of Trustees met at its regular monthly meeting on Tuesday, September 14, 1965, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Carlton S. Dargusch, Sr., Mervin B. France, and James W. Shocknessy.

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The Chairman introduced the new member of the Board of Trustees, Mr. James W. Shocknessy, who was appointed by Governor James A. Rhodes, to succeed Mr. Smith L. Rairdon, for the term beginning May 14, 1965, and expiring May 13, 1974. Mr. Shocknessy's appointment was unanimously confirmed by the Ohio Senate on July 27, 1965. Mr. Shocknessy is an eminent Columbus attorney and able Chairman of the Ohio Turnpike Commission.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Modification of Campus Master Plan

The official campus master plan was adopted by the Board of Trustees on February 16, 1962. On four subsequent occasions it has been modified by Board action to reflect more detailed studies or to meet new conditions.

New studies have now been completed of the areas in which the proposed Humanities Center and Bioscience Center buildings will be located; a site has been selected for the proposed general college; there has been completed a more detailed study of the new Service Center west of the C & O Railroad; and additional land has been identified for meeting the physical education and recreational needs of the growing staff and student body.

These changes are shown on the attached map. The changes now proposed are consistent with the principles and concepts approved by the Board of Trustees in adopting the master plan in 1962.

It is recommended that the Board of Trustees now approve the master plan changes as depicted on the attached map, that all previous actions of the Board of Trustees with respect to the master plan and not contrary to the attached map be reaffirmed, and that a copy of the attached map be filed by the Secretary with the "Campus Master Planning Study--Phase II" report submitted December 12, 1961.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

B. Distinguished Service Award

In 1952 the Board of Trustees established the Distinguished Service Award to be given in recognition of eminent and illustrious service to The Ohio State University. The President's Cabinet, which serves as a Committee on Distinguished Service Awards, has nominated for consideration by the Board of Trustees the following-named person to receive the Distinguished Service Award at the December 17, 1965 Commencement:

Smith Lester Rairdon

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above nomination for the Distinguished Service Award was approved by unanimous roll call vote.

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Building - Raney Commons

Upon the proposal of Mr. Frederick Stecker, Executive Director for University Relations, it is recommended that the commons facility to be erected in the north residence hall complex at 47 Curl Drive (temporary address 47 West Lane Avenue), now identified as Dining Facility - Northeast, be named "Raney Commons" in memory of Second Lieutenant Alice R. Raney, B.Sc. in Education, 1939, (Nursing), who died while serving in the Army Nurse Corps in World War II.

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees. It is hereby recommended for your approval.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the Board of Trustees by a unanimous roll call vote approved the naming of the building located at 47 Curl Drive as "Raney Commons."

D. Naming of Building - Hitchcock Hall

Upon the proposal of Mr. Frederick Stecker, Executive Director for University Relations, after consultation with Dean Harold A. Bolz, College of Engineering, it is recommended that the new building being erected at 2070 Neil Avenue and presently identified as the Engineering Classroom and Laboratories Building be officially named "Hitchcock Hall" in memory of the late Professor Embury Asbury Hitchcock. Professor Hitchcock first joined the University's faculty in 1893 and served with distinction as Dean of the College of Engineering from 1920 to 1936.

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees. It is hereby recommended for your approval.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the Board of Trustees by a unanimous roll call vote approved the naming of the building at 2070 Neil Avenue as "Hitchcock Hall."

E. Revision of Operating Budget for The Ohio State University for the Fiscal Year 1965-66

It is recommended that the operating budget for The Ohio State University as approved by the Board of Trustees at its June 10, 1965 meeting be increased from \$11,825,700.00 to \$11,925,700.00 to provide funds for the purpose of remodeling and repairing space for additional faculty offices and classrooms. Dr. Gordon B. Carson, Vice President for Business and Finance, has certified that funds are available for the above-recommended increase from student fee reserves.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the increase in the operating budget for The Ohio State University for the 1965-66 fiscal year was approved by unanimous roll call vote.

I. GENERAL RECOMMENDATIONS (continued)

F. Policy on Competitive Bidding

Pursuant to the enactment of Amended House Bill No. 307 and Amended Substitute House Bill No. 200 by the 106th General Assembly of Ohio, it is hereby recommended that the Board of Trustees adopt the following principles established in this legislation and extend the language to apply to all funds administered by The Ohio State University:

1. If any order or invoice drawn against any University account is for labor, services (except services of architects, engineers, and consultants), and materials furnished, the aggregate amount of which exceeds ten thousand dollars (\$10,000) or for commodities purchased, at a cost in excess of two thousand dollars (\$2,000), it shall show that the same was furnished or purchased pursuant to competitive bidding and the lowest or best bidder was awarded the contract, unless the Board of Trustees shall have authorized the furnishing of such labor, services, or material or the purchase of such commodities without competitive bidding, provided, however, that the Board of Trustees shall authorize the furnishing of such labor, services, or material or the purchase of such commodities only after it has determined that an emergency exists requiring such action.
2. Whenever in the judgment of the responsible officers of the University, it seems desirable and in the interest of economy to construct or repair any building or make any other improvement by force account, plans, specifications, bills of material and estimates of cost, approved by the director of the department of public works shall be submitted to the Board of Trustees for approval and filed with the Auditor of the State.
3. The Board of Trustees may upon similar application in cases of emergency or when the interests of the University require, permit the advertisement for bids to be published once, not more than ten days or less than eight days preceding the day of the opening of the bids.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

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## II. PERSONNEL CHANGES

It is recommended that all personnel changes since the July 8, 1965 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointments, Changes in Administrative Responsibilities, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

### A. Appointments

#### College of Agriculture and Home Economics

Leonard D. Baver, Professor, Department of Agronomy, and Group Leader of the Agency for International Development Contract Program at the Udaipur Agricultural University, Rajasthan, India, effective August 16, 1965, at a salary of \$25,068.00 per annum.

#### College of Arts and Sciences

Ernest W. Bowerman, Professor and Vice Chairman, Department of Chemistry, effective July 1, 1965, at a salary of \$18,168.00 per annum.

#### College of Commerce and Administration

Thomas R. Williams, Professor, Department of Sociology and Anthropology, effective October 1, 1965, at a salary of \$15,168.00 per annum.

#### College of Education

Oscar Lee Rigsby, Professor and Director, School of Music, effective January 1, 1966, at a salary of \$19,368.00 per annum.

#### College of Law

Albert M. Kuhfeld, Associate Dean, College of Law, effective September 15, 1965, at a salary of \$15,168.00 per annum.

Richard S. Miller, Professor, College of Law, effective October 1, 1965, at a salary of \$16,368.00 per annum.

Joanne Wharton, Assistant Dean, College of Law, effective August 9, 1965, at a salary of \$10,068.00 per annum.

#### Office of Educational Services

Bruce C. Harding, University Archivist, Office of Educational Services, effective September 1, 1965, at a salary of \$11,268.00 per annum.

II. PERSONNEL CHANGES (continued)

B. Changes in Administrative Responsibilities

College of Arts and Sciences

Colin B. B. Bull from Associate Professor to Professor, Department of Geology, and Director of the Institute of Polar Studies, effective October 1, 1965, at a salary of \$16,668.00 per annum.

College of Education

William B. McBride from Professor in the School of Music and Coordinator of Field Studies and Services in the College of Education to Assistant Dean, Field Relations, in the College of Education, effective October 1, 1965, at a salary of \$16,872.00 per annum. He will continue to hold the rank of Professor in the School of Music.

Office of Business and Finance

Hollie W. Shupe from Professor, Department of Engineering Drawing, to University Architect, effective October 1, 1965, at a salary of \$17,964.00 per annum. He will continue to hold the rank of Professor in the Department of Engineering Drawing.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons are recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Lewis C. Saboe, Professor (Extension Agronomist), September 1, 1965 through January 15, 1966, to participate in a program of professional improvement at Mississippi State University.

Seifrid P. Bruny, Assistant Professor (District Program Leader, 4-H), October 1, 1965 through April 30, 1966, to participate in a program of professional improvement at The Ohio State University.

Roy F. Emerson, Instructor (County Extension Agent, 4-H) Lake County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Richard B. Farison, Instructor (County Extension Agent, Agriculture) Wood County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.



II. PERSONNEL CHANGES (continued)

C. Leaves of Absence With Salary (continued)

Harry L. Freeman, Instructor (County Extension Agent, Agriculture) Hancock County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

William C. Kleman, Instructor (County Extension Agent, Agriculture) Crawford County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Harold D. McBurney, Instructor (County Extension Agent, 4-H) Ashland County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Donald K. Myers, Instructor (County Extension Agent, Agriculture), October 1, 1965 through January 31, 1966, to participate in a program of professional improvement at The Ohio State University.

G. Howard Phillips, Instructor (Leader, Resource Development), October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Howard R. Showalter, Instructor (County Extension Agent, Agriculture) Carroll County, October 1, 1965 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Richard W. Skinner, Instructor (Extension Specialist, Food Distribution), October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

William P. Smith, Instructor (County Extension Agent, Agriculture), October 1, 1965 through December 31, 1965, to participate in a program of professional improvement at The Ohio State University.

Richard B. Stahl, Instructor (County Extension Agent, 4-H) Allen County, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Gerald D. Stanley, Instructor (County Extension Agent, 4-H) Stark County, October 1, 1965 through December 31, 1965, to participate in a program of professional improvement at Purdue University.

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence With Salary (continued)

Allen L. Ulrich, Instructor (County Extension Agent, 4-H)  
Lorain County, October 1, 1965 through December 15, 1965,  
to participate in a program of professional improvement at  
The Ohio State University.

D. Leaves of Absence Without Salary

William H. Johnson, Professor, Agricultural Engineering,  
October 15, 1965 through December 15, 1965, to serve as  
adviser to the Dean of the College of Agricultural Engineer-  
ing at Punjab Agricultural University, Ludhiana, India,  
on the Ford Foundation Project.

Ting Y. Li, Professor, Aeronautical and Astronautical  
Engineering, August 1, 1965 through August 31, 1965, to  
be employed at Rand Company.

Francis W. Niedenfuhr, Professor, Engineering Mechanics,  
October 1, 1965 through September 30, 1966, to continue  
work at the Institute for Defense Analysis, Washington, D. C.

I. Keith Tyler, Professor, School of Education, July 1, 1965  
through September 30, 1965, to continue consultant work in  
the United Arab Republic Project for combating illiteracy  
via television.

Jack H. Prince, Associate Professor, Institute for Research  
in Vision, September 1, 1965 through June 30, 1966, to  
study under a research grant at the University of Sydney,  
Sydney, Australia.

Jacoba C. deNeef, Assistant Professor, Obstetrics and  
Gynecology, September 1, 1965 through August 31, 1966,  
to teach and do research at Dijkzigt Hospital, Rotterdam,  
The Netherlands.

Robert M. Nerem, Assistant Professor, Aeronautical and  
Astronautical Engineering, August 1, 1965 through August 31,  
1965, to be employed at North American Aviation, Los  
Angeles, California.

G. Wayne Burkhart, Instructor (County Extension Agent,  
Agriculture), Cooperative Extension Service, October 1,  
1965 through September 30, 1966, to participate in a pro-  
gram of professional improvement at The Ohio State  
University.

September 14, 1965 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### D. Leaves of Absence Without Salary (continued)

Robert J. Fleming, Instructor (County Extension Agent, 4-H) Madison County, Cooperative Extension Service, October 1, 1965 through December 15, 1965, to participate in a program of professional improvement at The Ohio State University.

Margaret Goode, Instructor, School of Nursing, July 1, 1965 through September 30, 1965, due to ill health.

Charles H. O'Brien, Instructor, History, October 1, 1965 through September 30, 1966, to teach at Skidmore College, Saratoga Springs, New York.

Irene Romanko, Instructor, School of Nursing, July 6, 1965 through September 26, 1965, to travel in Europe.

Melvin I. Urofsky, Instructor, History, October 1, 1965 through December 31, 1965, to do research under a Mershon research grant.

### E. Emeritus Titles

Frank G. Davis, Engineering Drawing, with the title Instructor Emeritus, effective September 1, 1965.

Floyd Henderson, Cooperative Extension Service, with the title Instructor (County Extension Agent, Agriculture) Emeritus, effective September 1, 1965.

Upon motion of Mr. France, seconded by Mr. Davis, the Appointments, Changes in Administrative Responsibilities, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents of the University.

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## III. GENERAL CONTRACTS AND AGREEMENTS

### A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it is recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal

- a. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, for Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #24 and Mod. #25 - Engineering Experiment Station).  
Gross Value - \$78,000.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Physical-Chemical Studies of Muscle (to be known as National Institutes of Health Project No. 874 - Ext. #7 - Department of Physiology).  
Gross Value - \$15,684.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Factors Influencing Experimental Cancer of Uterus (to be known as National Institutes of Health Project No. 1005 - Ext. #6 - Department of Pathology).  
Gross Value - \$22,258.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Tumor Necrotizing Activity of Tuberous Begonias (to be known as National Institutes of Health Project No. 1338 - Ext. #4 - College of Pharmacy).  
Gross Value - \$7,770.00.
- e. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research Studies on the Fluid Dynamics of High Enthalphy Flow (to be known as Systems Engineering Group, Research and Technology Division Project No. 1427 - C. O. #8 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$41,816.00.
- f. U. S. Navy Purchasing Office, 929 South Broadway, Box 5090 Metropolitan Station, Los Angeles, California, for a Study Program Related to Shipboard Antenna System Environment (to be known as U. S. Navy Purchasing Office Project No. 1522 - Mod. #5 - Department of Electrical Engineering).  
Gross Value - \$16,998.00.
- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Anabolic Control in Normal and Neoplastic Tissues (to be known as National Institutes of Health Project No. 1571 - Ext. #3 - Department of Agricultural Biochemistry).  
Gross Value - \$20,917.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- h. Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, to Perform Research on the Spectroscopy of the Far Infrared Region (to be known as Electronic Systems Division Project No. 1577 - Mod. #5 - Department of Physics).  
Gross Value - \$25,000.00.
- i. Air Force Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for Teaching Services for Air Force Military Personnel at Ellsworth Air Force Base, South Dakota (to be known as Air Force Institute of Technology Project No. 1600-B - Sup. #10 - Defense Management Center).  
Gross Value - \$188,179.00.
- j. Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, for Research Directed Toward the Analysis of Global and Special Gravity Measurements (to be known as Electronic Systems Division Project No. 1613 - Sup. #5 - Department of Geodetic Science).  
Gross Value - \$20,000.00.
- k. Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, to Perform Research on the High Resolution Infrared Spectroscopy of Molecules (to be known as Electronic Systems Division Project No. 1619 - Mod. #4 - Department of Physics).  
Gross Value - \$20,000.00.
- l. National Science Foundation, Washington, D. C., for Ecology and Floristic Investigations of Antarctic Lichens (to be known as National Science Foundation Project No. 1671 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$4,700.00.
- m. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, for A Study of the Mechanism of Stress Corrosion Cracking in the Iron-Nickel-Chromium Alloy System (to be known as U. S. Atomic Energy Commission Project No. 1673-A - Mod. #2 - Department of Metallurgical Engineering).  
Gross Value - \$310,000.00.
- n. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, for Investigations of the Nutritional Requirements for the Growth of Insect Tissues (to be known as U. S. Army Biological Laboratories Project No. 1684 - Mod. #4 - Department of Zoology and Entomology).  
Gross Value - \$8,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- o. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Response of Splenectomized Monkeys to Infection (to be known as National Institutes of Health Project No. 1687 - Ext. #2 - Departments of Medicine and Microbiology).  
Gross Value - \$26,347.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for a Survey of Cerebrovisceral Physiology in the U.S.S.R. (to be known as National Institutes of Health Project No. 1706 - Ext. #2 - Department of Psychiatry).  
Gross Value - \$30,051.00.
- q. Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, for Research Directed Toward Determination of Radiative Properties and Composition of the Atmosphere (to be known as Electronic Systems Division Project No. 1758 - Mod. #3 - Department of Physics).  
Gross Value - \$20,000.00.
- r. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for General Research Support Program (to be known as National Institutes of Health Project No. 1775 - Revised Award 6/28/65 - College of Dentistry).  
Gross Value - \$15,561.00.
- s. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Intermittent Services for Contributive Research in Thermo-Mechanics (to be known as Systems Engineering Group, Research and Technology Division Project No. 1862 - C. O. #4 and C. O. #5 - RF Internal Supervision).  
Gross Value - \$280,000.00.
- t. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Hemotropic Parasite Infections Immunology (to be known as National Institutes of Health Project No. 1873 - Ext. #1 - Department of Microbiology).  
Gross Value - \$18,036.00.
- u. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Receptive Fields of the Mesencephalon (to be known as National Institutes of Health Project No. 1881 - Sup. #1 - School of Optometry).  
Gross Value - \$1,780.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- v. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Neuro-endocrine Mechanisms Controlling Organ Perfusion (to be known as National Institutes of Health Project No. 1882 - Ext. #1 - Department of Psychiatry).  
Gross Value - \$14,620.00.
- w. Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, for Study of Emission Spectra by Phase Discrimination Method (to be known as Electronic Systems Division Project No. 1896 - Mod. #1 - Department of Physics).  
Gross Value - \$19,989.00.
- x. Air Force Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for Development and Teaching of Weapons Systems Management for the Defense Weapons Systems Management Center (to be known as Air Force Institute of Technology Project No. 1932 - Sup. #5 and Sup. #6 - Defense Management Center).  
Gross Value - \$10,976.95.
- y. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research on Dislocation Interactions in Relation to Mechanical Properties of Metals and Alloys (to be known as Systems Engineering Group, Research and Technology Division Project No. 1934 - Sup. #1 - Department of Metallurgical Engineering).  
Gross Value - \$30,000.00.
- z. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Transmission of Intense Laser Radiation (to be known as Systems Engineering Group, Research and Technology Division Project No. 1935 - Sup. #1 - Department of Electrical Engineering).  
Gross Value - \$25,000.00.
- aa. U. S. Department of Labor, Office of Manpower, Automation and Training, Washington, D. C., for Longitudinal Study of the Labor Force Behavior of a National Sample of "Older" Persons and of Younger Men (to be known as Office of Manpower, Automation and Training Project No. 2007 - New - Department of Economics).  
Gross Value - \$144,512.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- bb. Air Force Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for Research and Services to Revise and Present Courses of Instruction in the School of Systems and Logistics and in Executive Engineering for the Civil Engineering Center (to be known as Air Force Institute of Technology Project No. 2043 - New - Defense Management Center).  
Gross Value - \$769,244.00.
- cc. Air Force Institute of Technology, Air University, USAF, Wright-Patterson Air Force Base, Ohio, for Research, Development and Teaching of Weapon Systems Management for the DWSMC, AFIT (to be known as Air Force Institute of Technology Project No. 2044 - New - Defense Management Center).  
Gross Value - \$197,807.00.
- dd. National Aeronautics and Space Administration, Washington, D. C. , for an Investigation of Cardiovascular Responses to Environmental Vibrations (to be known as National Aeronautics and Space Administration Project No. 2045 - New - Department of Preventive Medicine).  
Gross Value - \$55,170.00.
- ee. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Spectroscopic Analysis of Plasma Flows (to be known as Systems Engineering Group, Research and Technology Division Project No. 2046 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$33,200.00.
- ff. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Tissue Culture of Human Bone Marrow (to be known as National Institutes of Health Project No. 2047 - New - Department of Medicine).  
Gross Value - \$11,496.00.
- gg. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as National Institutes of Health Project No. 2049 - New - Department of Veterinary Pathology).  
Gross Value - \$39,851.00.
- hh. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of the Role of Estrogen in the Endometrium (to be known as National Institutes of Health Project No. 2050 - New - Department of Obstetrics and Gynecology).  
Gross Value - \$10,410.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- ii. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for Feasibility Study of a Primary Prevention Program for Coronary Heart Disease (to be known as Bureau of State Services Project No. 2051 - New - Department of Preventive Medicine).  
Gross Value - \$29,274.00.
- jj. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Human Response to Alaskan Earthquake (to be known as National Institutes of Health Project No. 2053 - New - Department of Sociology and Anthropology).  
Gross Value - \$46,770.00.
- kk. Department of Army, Defense Supply Service - Washington, Washington, D. C., for Cytological Slides (to be known as Defense Supply Service - Washington Project No. 2055 - New - Department of Pathology).  
Gross Value - \$116,547.00.
- ll. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Role Conceptions of Pharmacists and Community Health (to be known as National Institutes of Health Project No. 2056 - New - College of Pharmacy).  
Gross Value - \$9,251.00.
- mm. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for A Study of Administrative Arrangements in Different Types of School Districts (to be known as Office of Education Project No. 2057 - New - School of Education).  
Gross Value - \$5,431.00.
- nn. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Biology of the Heart (to be known as National Institutes of Health Project No. 2058 - New - Departments of Medicine and Veterinary Physiology and Pharmacology).  
Gross Value - \$447,377.00.
- oo. Office of Civil Defense, Department of the Army, Washington, D. C., for a Study of the Latest Trends in the Design of Small Blast Shelters (to be known as Office of Civil Defense Project No. 2059 - New - Engineering Experiment Station).  
Gross Value - \$19,990.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- pp. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Human Temporal Bone Pathology (to be known as National Institutes of Health Project No. 2060 - New - Department of Otolaryngology).  
Gross Value - \$17,264.00.
- qq. Air Force Office of Scientific Research, Washington, D. C., for The Reinforcement Basis of Group Feedback Effects (to be known as Air Force Office of Scientific Research Project No. 2064 - New - Department of Psychology).  
Gross Value - \$24,000.00.
- rr. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., for A Study of Development of Conservation of Quantity Theory (to be known as Office of Education Project No. 2067 - New - Department of Psychology).  
Gross Value - \$8,990.00.
- ss. Department of Health, Education, and Welfare, Social Security Administration, Division of Research and Statistics, Baltimore, Maryland, for A Study in Congruency of Medical and Self Reporting of Disability (to be known as Social Security Administration, Division of Research and Statistics Project No. 2068 - New - Department of Physical Medicine).  
Gross Value - \$8,203.00.
- tt. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Some Hydrolytic Enzymes in Brain and Brain Tumors (to be known as National Institutes of Health Project No. 2069 - New - Department of Medicine).  
Gross Value - \$11,406.00.
- uu. Department of Health, Education, and Welfare, Welfare Administration, Children's Bureau, Washington, D. C., for Relationship of Maternal Health to Family Solidarity Among Low-Income Families in 23 Appalachian Counties (to be known as Welfare Administration, Children's Bureau Project No. 2072 - New - School of Home Economics).  
Gross Value - \$28,231.00.
- vv. National Science Foundation, Washington, D. C., for an Investigation of Temperature Dependence of Mitochondrial Metabolism and Structure in Relation to Plant Distribution (to be known as National Science Foundation Project No. 2073 - New - Department of Botany and Plant Pathology).  
Gross Value - \$20,100.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- ww. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for A Study of the Convective Heat Transfer and Arc Curvature on Cross-Flow (to be known as Systems Engineering Group, Research and Technology Division Project No. 2074 - New - Department of Mechanical Engineering).  
Gross Value - \$17,000.00.
- xx. Air Force Office of Scientific Research, Washington, D. C., for an Investigation of Rotating R-F Field Plasma (to be known as Air Force Office of Scientific Research Project No. 2075 - New - Department of Physics).  
Gross Value - \$29,860.00.
- yy. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Degree of Dogmatism of College Students in Teacher Education (to be known as Office of Education Project No. 2077 - New - School of Education).  
Gross Value - \$6,197.00.
- zz. National Science Foundation, Washington, D. C., for Support of the Institute of Polar Studies, 1965-66 (to be known as National Science Foundation Project No. 2080 - New - Institute of Polar Studies).  
Gross Value - \$18,600.00.

TOTAL - Government Contracts - Federal \$3,397,863.95

2. Government Contract - State

- a. State of Ohio, Department of Health, P. O. Box 118, 450 East Town Street, Columbus, Ohio, Newborn Care (to be known as State of Ohio, Department of Health Project No. 2052 - New - Department of Pediatrics).  
Gross Value - \$60,000.00.

3. Industrial and Other Contracts

- a. Alloy Casting Institute, 300 Madison Avenue, New York, New York, for an Investigation of Cast Corrosion Resistant Alloys (to be known as Alloy Casting Institute Project No. 350 - Amend. #17 - Engineering Experiment Station).  
Gross Value - \$20,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Industrial and Other Contracts (continued)

- b. Ohio Tuberculosis and Health Association, 1575 Neil Avenue, Columbus, Ohio, for an Investigation of Autoimmunization in Experimental Tuberculosis (to be known as Ohio Tuberculosis and Health Association Project No. 764 - Ext. #8 - Department of Microbiology). Gross Value - \$3,614.00.
- c. The Regents of the University of Wisconsin, Madison, Wisconsin, for Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C199644, C201415, C207595, C207267, and C224162 - Department of Surgery). Gross Value - \$5,477.55.
- d. American Heart Association, Inc., 44 East 23rd Street, New York, New York, for Heart Research (to be known as American Heart Association, Inc. Project No. 1694 - AHA Ltr. 7/5/65 - Department of Physiology). Gross Value - \$1,000.00.
- e. G. D. Searle & Co., P. O. Box 5110, Chicago, Illinois, for an Investigation of Metabolism of Enovid and SCII, 800 (to be known as G. D. Searle & Co. Project No. 1749 - Ext. #1 - Department of Obstetrics and Gynecology). Gross Value - \$5,000.00.
- f. Association for the Aid of Crippled Children, 345 East 46th Street, New York, New York, Predictive Value of the Infant Examination (to be known as Association for the Aid of Crippled Children Project No. 1859 - Ext. #1 - Department of Pediatrics, Children's Hospital). Gross Value - \$26,253.00.
- g. General Telephone and Electronics Laboratories, Inc., Bayside Laboratories, 208-20 Willets Point Boulevard, Bayside, New York, for A Television System for Display of X-Ray Diffraction Line Response to Discontinuities (to be known as General Telephone and Electronics Laboratories, Inc. Project No. 2048 - New - Department of Welding Engineering). Gross Value - \$32,348.00.
- h. The National Foundation - March of Dimes, 85 East Gay Street, Columbus, Ohio, Birth Defects Special Treatment Center (to be known as The National Foundation - March of Dimes Project No. 2054 - New - Department of Pediatrics, Children's Hospital). Gross Value - \$28,158.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Industrial and Other Contracts (continued)

- i. The Petroleum Research Fund, ACS, 1155 Sixteenth Street, N. W., Washington, D. C., To Produce a Quantity of Hexahelicene (to be known as The Petroleum Research Fund Project No. 2061 - New - Department of Chemistry).  
Gross Value - \$9,360.00.
- j. Kidney Foundation of Ohio, 422 Superior Building, Cleveland, Ohio, Regeneration and Repair of the Nephron (to be known as Kidney Foundation of Ohio Project No. 2062 - New - Department of Pathology).  
Gross Value - \$11,467.00.
- k. The Petroleum Research Fund, ACS, 1155 Sixteenth Street, N. W., Washington, D. C., Conformational Analysis (to be known as The Petroleum Research Fund Project No. 2063 - New - Department of Chemistry).  
Gross Value - \$13,800.00.
- l. The Procter and Gamble Co., Division of Dental Research, 6000 Center Hill Road, Cincinnati, Ohio, Study of Dental Caries (to be known as The Procter and Gamble Co. Project No. 2065 - New - College of Dentistry).  
Gross Value - \$47,000.00.
- m. The Procter and Gamble Co., Division of Dental Research, 6000 Center Hill Road, Cincinnati, Ohio, Study of Dental Calculus (to be known as The Procter and Gamble Co. Project No. 2070 - New - College of Dentistry).  
Gross Value - \$19,000.00.
- n. University of Cincinnati, Cincinnati, Ohio, Theoretical Studies of the Heat and Mass Transfer in Binary Boundary Flows at Very High Velocities (to be known as University of Cincinnati Project No. 2079 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$10,000.00.

TOTAL - Industrial and Other Contracts \$232,477.55

The foregoing sixty-seven contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$3,690,341.50.

Upon motion of Mr. Davis, seconded by Mr. France, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous vote.

September 14, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

During the period from June 28, 1965 through August 26, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Government Research Contracts

SC-48      University Civil Defense Extension Program, Office of Civil  
Defense, Department of the Army, Washington, D. C.  
Gross Value - \$65,300.00.

SC-49      Conduct of a Training Program for Waste and Wastewater  
Plant Operators, The Operator Training Committee of  
Ohio, Incorporated, City of Youngstown Waste Water  
Department, Youngstown, Ohio.  
Gross Value - \$24,816.00.

TOTAL - Government Contracts \$90,116.00

2. Industrial Research Contracts

EES-253    Establishment of a Base for Comparison of Surfactant  
Ext. #1    Removal by Activated Sludge, The Soap and Detergent  
Association, 295 Madison Avenue, New York, New York.  
Gross Value - \$960.00.

EES-268    Evaluation of Effects of Enzyme Products on Overloaded  
Anaerobic Digestion, Rohm and Haas Company, Washington  
Square, Philadelphia, Pennsylvania.  
Gross Value - \$4,440.00.

TOTAL - Industrial Research Contracts \$5,400.00

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$95,516.00.

C. The Ohio State University and the State Department of Education,  
Division of Vocational Education and Division of Special Education

It is recommended that the agreements between The Ohio State University and the State Department of Education, Division of Vocational Education and Division of Special Education, be continued for the fiscal year 1965-66 and that the contracts for teacher-training and special services in the following areas be approved:

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. The Ohio State University and the State Department of Education,  
Division of Vocational Education and Division of Special Education (continued)

Vocational Home Economics  
Vocational Agriculture  
Trade and Industrial Education  
Distributive Education  
Business and Office Education  
Guidance Services

It is recommended further that the President of the University and the Secretary of the Board of Trustees be authorized to sign the agreements on behalf of the University.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the above recommendations were approved by unanimous roll call vote.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since July 8, 1965, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$211,779.00 additional grant from the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "General Research Support," under the direction of Dr. Richard L. Meiling, Dean of the College of Medicine, for the period January 1, 1965 through December 31, 1965. (Grant 5 S01 FR-5409-04)
2. \$157,577.00 granted by the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of Dr. Ernest W. Johnson, Department of Physical Medicine, for the period September 1, 1965 through August 31, 1966. (Grant VRA 151-T-66)
3. \$116,592.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for "Institutional Grants for Science, 1965." (GU-1426)
4. \$63,647.00 granted by the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of Dr. Bernard B. Schlanger, Department of Speech, for the period September 1, 1965 through August 31, 1966. (Grant VRA-222-T-66)

September 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

5. \$38,476.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant - Ophthalmology," under the direction of Dr. Torrence A. Makley, Jr., Department of Ophthalmology, for the period July 1, 1965 through June 30, 1966. (Grant 1 T1 NB 5461-01A1)
6. \$38,232.00 granted by the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships - Sociology," under the direction of Dr. Saad Z. Nagi, Department of Sociology and Anthropology, for the period September 1, 1965 through August 31, 1966. (Grant VRA-473-T-66)
7. \$28,975.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neurology Training Grant," under the direction of Dr. J. Norman Allen, Department of Medicine, for the period July 1, 1965 through June 30, 1966. (Grant 1 T8 NB 10,031-01)
8. \$15,599.00 additional grant from the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "General Research Support," under the direction of Dr. Walter R. Krill, Dean of the College of Veterinary Medicine, for the period January 1, 1965 through December 31, 1965. (Grant 5 S01 FR-05463-03)
9. \$8,300.00 granted by the National Science Foundation, Washington, D. C. 20550, to the University for "Alteration and Renovation of Plant Taxonomy Laboratories in the Botany and Zoology Building." (GU-1536)

TOTAL - Through the Office of Business and Finance \$679,177.00

B. Received Through the Development Fund

1. \$50,000.00 from the Estate of Gertrude S. Woodin--\$25,000.00 for the Gertrude S. Woodin Scholarship Fund - Music and \$25,000.00 for the Gertrude S. Woodin Scholarship Fund - Engineering.
2. \$29,875.00 from Mrs. Orval H. Menke, 321 West Franklin Street, Troy, Ohio--\$5,000.00 for the establishment of the Orval H. Menke Memorial Scholarship Fund and \$24,875.00 for the Orval H. Menke Memorial Fund.

Orval H. Menke Memorial Scholarship Fund

The Orval H. Menke Memorial Scholarship Fund was established August 23, 1965, by a gift through the Development Fund from Nell W. Menke, widow of Orval H. Menke, M.E.-E.E. '12, in his memory.



IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

2. Orval H. Menke Memorial Scholarship Fund (continued)

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

The income is to be used for scholarships to students in the Department of Welding Engineering.

In the event the need for such scholarships should cease to exist or so diminish as to create unused income, then the income may be used as recommended by the Chairman of the Department of Welding Engineering and his staff; or in the event of a reorganization of colleges and departments within the University, as recommended by the appropriate administrative official of the University then directly responsible for welding engineering education at The Ohio State University.

Orval H. Menke Memorial Fund

The Orval H. Menke Memorial Fund was established August 23, 1965, by a gift through the Development Fund from Nell W. Menke, widow of Orval H. Menke, M.E. -E.E. '12, in his memory.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

The income is to be expended on order of the Board of Trustees of The Ohio State University, upon recommendation of the Board of Directors of The Ohio State University Development Fund. The principal may also be invaded to the extent of part or all of it and expended in the same manner as provided for the use of the income.

In the use of income and/or principal, first preference would be for financial assistance to undergraduate students of high scholastic standing, but this is not obligatory.

3. \$21,250.00 from Virginia Kelsey Jones (Mrs. Frederick E.) for research in medicine.
4. \$20,000.00 from Samuel M. Melton for support of the "Samuel and Esther Melton Professorship of Jewish History and Studies."
5. \$13,500.00 from the Estate of Jeanette G. Murphy for the establishment of the Jeanette G. Murphy Memorial Fund.

Jeanette G. Murphy Memorial Fund

The Jeanette G. Murphy Memorial Fund was established July 26, 1965, by a bequest to the Development Fund from Jeanette G. Murphy, B.Sc. in Agriculture '27.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

5. Jeanette G. Murphy Memorial Fund (continued)

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be expended on order of the Board of Trustees of The Ohio State University upon recommendation of the Board of Directors of The Ohio State University Development Fund. The principal may also be invaded to the extent of part or all of it and expended in the same manner as provided for the use of income.

6. \$8,793.50 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
7. \$8,400.00 from The International Nickel Company, Inc., New York, New York, for fellowships in metallurgical engineering.
8. \$7,000.00 from The General Foods Fund, Inc., New York, New York, for fellowships in the School of Home Economics.
9. \$4,987.50 from Edgar Dale for the Field Enterprises Educational Corporation Fund.
10. \$4,400.00 from North Central Breeders Research Council, Shawano, Wisconsin, for research on cattle.
11. \$3,700.00 from The Dow Chemical Company--\$2,500.00 for The Dow Chemical Company Scholarship Fund in Chemical Engineering and \$1,200.00 for The Dow Chemical Company Scholarship and Fellowship Fund in Chemistry.
12. \$3,595.00 from Union Carbide Corporation for the Union Carbide Corporation Fellowship in Chemical Engineering.
13. \$3,562.50 from the Mark L. Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
14. \$3,500.00 from Foundation in Refractories Education, Pittsburgh, Pennsylvania, for the purchase of equipment and support of a graduate fellowship in the Department of Ceramic Engineering.
15. \$3,500.00 from Henry M. O'Neill, Sr. for the Student Athlete Grant-in-Aid Fund.
16. \$3,500.00 from The Rockefeller Foundation as an unrestricted gift to the University.
17. \$3,100.00 from the Stauffer Chemical Company Foundation for the Stauffer Chemical Company Fellowship in Chemistry.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

18. \$3,000.00 from the Alfred P. Sloan Foundation for the Sloan Foundation Scholarship Fund.
19. \$3,000.00 from Owens-Illinois Glass Company, Toledo, Ohio, for scholarships.
20. \$2,800.00 from The Babcock & Wilcox Company for The Babcock & Wilcox Company Fund for Engineering.
21. \$2,500.00 from The Kent Foundation for the Jacob B. Taylor Memorial Fund.
22. \$2,500.00 from Reynolds Metal Company for the School of Architecture Endowment Fund.
23. \$2,500.00 from The Columbus Dispatch given in behalf of Milton Caniff and to be used to establish the William A. Ireland Memorial Student Loan Fund for students in the School of Art.
24. \$2,500.00 from Sinclair Oil Corporation Foundation for the Sinclair Fellowship in Organic Chemistry.
25. \$2,500.00 from the United Fund of Saint Marys, Ohio, for cancer research.
26. \$2,500.00 from Ohio Lions Eye Research Foundation, Columbus, Ohio, for research in the School of Optometry.
27. \$2,472.59 from The Ohio Association of Garden Clubs, Inc. for the Victor H. Ries Fellowship Fund.
28. \$1,300.00 from Frederick W. LeVeque for Student Athlete Grant-in-Aid Fund.
29. \$1,250.00 from The Yassenoff Foundation, Inc. --\$500.00 for the College of Law Emergency Fund and \$750.00 for the College of Law Financial Aids Fund.
30. \$1,025.00 from the professional associates of Judge Joseph M. Harter for the establishment of the Judge Joseph M. Harter Memorial Award Fund.

Judge Joseph M. Harter Memorial Award Fund

The Judge Joseph M. Harter Memorial Award Fund was established June 25, 1965, by original gift to the Development Fund and later supplemented by contributions from other professional associates of the late Judge Harter. The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates. The income is to be used annually to grant the Judge Joseph M. Harter Memorial Award to the student in the College of Law whom

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

30. Judge Joseph M. Harter Memorial Award Fund (continued)

the instructors in the course in Trial Practice deem to have achieved, for the year, the most outstanding record in that course.

A 1928 graduate of the College of Law, Judge Harter became a respected and revered member of the Ohio Bar. As a Columbus practicing lawyer, he was a leader in Bar activities and in legal reform; as a Judge of the Court of Common Pleas of Franklin County, he was noted for his legal acumen and judicial integrity. Intensely interested in legal education, his part-time teaching included summer appointments as Instructor in Trial Practice in the College of Law, of which he was a distinguished alumnus. The Award is created in recognition of this especial interest of a graduate of the College of Law who personified the best in legal advocacy, judging, and teaching.

Should the course in Trial Practice be discontinued, the Award herein created is to be given for such meritorious student achievement as the Faculty of the College of Law, on recommendation of the Dean, believes will most fittingly honor the memory of Judge Harter. Should the existing College of Law be altered in any reorganization of the instructional divisions of the University, the Board of Trustees or successor governing body of the University shall direct use of the income for academic objectives within the field of law as recommended by the administrative official of the University then directly responsible for legal education at The Ohio State University.

31. \$1,000.00 from William A. Hammond for the establishment of The William A. Hammond Lectureship Fund.

The William A. Hammond Lectureship Fund

The William A. Hammond Lectureship Fund was established July 26, 1965, by a gift through the Development Fund from William A. Hammond, M.A. '17 and Ph.D. '29.

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used to provide lectures, as often as funds will permit, on the American Tradition and to provide funds for dissemination of information about the lectures and publications thereof. The committee to select the lecturers and to recommend disbursements of income shall consist of the donor, Dr. William A. Hammond, the President of the University, the Chairman of the Board of Trustees, the Dean of the Graduate School, the President of The Ohio State University Association, the Chairman of the Board of Directors of The Ohio State University Development Fund, and two faculty members to be appointed by the President of the University.

September 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

32. \$1,000.00 from Joseph Skilken for the Joseph and Helen Skilken Foundation.
33. \$1,000.00 from Seward D. Schooler, Coshocton National Bank, Coshocton, Ohio, to be added to the Unrestricted Endowment Fund.
34. \$1,000.00 from Frederick W. R. Pride for purposes to be designated at a later date.
35. \$1,000.00 from Herbert W. Salter for the Herbert W. Salter Fund for Family Medical Care in the College of Medicine.

TOTAL - Received Through the Development Fund \$227,511.09

C. Gift-in-Kind

1. A gift of an oil portrait of Mr. Harry P. Drackett from Bolton S. Drackett, Charles M. Drackett, and Roger Drackett. This portrait is to be placed in the lobby of Drackett Tower.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the acceptance of the above grants and gifts was approved by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

In July, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,636	\$ 93,955.15
Individuals, other than alumni	44	23,269.19
Nonprofit organizations	23	93,404.21
Business concerns	24	<u>38,576.00</u>
	1,727	<u>\$249,204.55</u>

Of these gifts, 1,374 totaling \$12,219.90 were undesignated and 353 totaling \$236,984.65 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriations in Support of Research Projects

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that the following amounts be appropriated from the University Treasurer Research Subaccounts as designated:

September 14, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Appropriations in Support of Research Projects (continued)

\$50,000.00 to be combined with a sum of \$25,000.00 from the Computer Center service earnings to purchase an analog-to-digital converter for the Computer Center	Subaccount (f)
\$38,000.00 to the Department of Chemistry for remodeling the first and second floors of the War Research Building	Subaccount (b)
\$25,000.00 for support of research in the Van de Graaff Laboratory	Subaccount (b)
\$20,000.00 for research in the area of the theater arts	Subaccount (c)
\$15,000.00 for preparation of the site for the "Baseline" Project for the Department of Geodetic Science	Subaccount (f)
\$15,000.00 to the Department of Chemistry for the purchase of research equipment	Subaccount (a)
\$8,300.00 to be combined with a grant of \$8,300.00 from the National Science Foundation for renovating a research laboratory in the Department of Botany and Plant Pathology	Subaccount (f)

Upon motion of Mr. Bricker, seconded by Mr. Davis, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

B. Grants-in-Aid for Research and Assigned Research Duty

Upon the recommendation of the Vice President for Research and in accordance with the policy established by the Board of Trustees at its meeting on October 19, 1953, it is recommended that an amount of \$300,000.00 be allocated from the funds received in the University Treasurer Research Subaccount (d) during the 1965-66 fiscal year to be used for research fellowships and grants-in-aid in support of research for the 1966-67 fiscal year.

Upon motion of Mr. Allyn, seconded by Mr. France, the allocation of \$300,000.00 for the purpose recommended above was approved by unanimous roll call vote.

C. The Ohio State University Development Fund Budget for 1965-66

It is recommended that the sum not to exceed \$85,000.00 be allocated from the University Maintenance Funds toward the operating expenses of The Ohio State University Development Fund for the fiscal year ending June 30, 1966, and that an operating budget in the amount of \$157,729.00 be approved. The budget amount will be provided as follows:

September 14, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

C. The Ohio State University Development Fund Budget for 1965-66 (continued)

University Allocation	\$ 85,000.00
Cumulative Interest on Development	
Fund Investments	<u>72,729.00</u>
	\$157,729.00

Upon motion of Mr. Davis, seconded by Mr. France, the above recommendation for allocation of funds was approved by unanimous roll call vote with Mr. Carlton S. Dargusch, Sr. abstaining.

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VI. EXTRA ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, it is recommended that the Extra Orders to Contracts as outlined below be approved by the Board of Trustees.

A. Repairs to Plaza and Sidewalk Along the South Side of the Administration Building

It is recommended that 1650 sq. ft. of sub-base be replaced. The deterioration was not apparent before the project began.

<u>Add</u>	<u>\$ 825.00</u>
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Funds are available in Budget Account 121658 for this work.

B. North Commons

It is recommended that a Snack Bar be provided in the basement of this project to serve the 1,800 students who will use North Commons and other students in the North Dormitory area. This work will include the relocation of a Staff Locker Room and Toilet Room and other related revisions.

General Contract	Add	\$12,890.00	
Electrical Contract	Add	8,862.00	
Plumbing Contract	Add	5,708.00	
Heating, Ventilating, and Air Conditioning Contract	Add	<u>5,963.00</u>	
			<u>Add \$33,423.00</u>

Funds are provided in the Dormitory Construction Fund for this project.

September 14, 1965 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS (continued)

C. Antenna Laboratory Control Facility at Saucer Laboratory

General Contract

It is recommended that roof shielding and wall shielding be provided as in Alternates G-3 and G-4 except as follows:

1. Make shielding continuous over the tops and ends of all partitions and provide for future attachment of shielding on the Transmitter Room side of Transmitter Room walls.
2. Reduce the number of grounding rods from 15 to 4.

Add            \$ 5,241.00

Funds are provided for this extra order in Budget Account 521947.

D. Garage

Utilities Contract

It is recommended that the following changes be made;

1. To avoid conflict with two existing water lines, lower the grade of the 18" sanitary sewer a depth of 2 ft. at the outlet and 4.4 ft. at the inlet.
2. Connect an existing 8" sanitary sewer serving part of Buckeye Village to a manhole on the new 18" sanitary sewer.

Add            \$ 2,232.62

Funds are provided for this extra order from the University Treasurer General Fund.

E. Installation of New Heating Boiler to Carry Medical Center Load

Mechanical Contract

It is recommended that additional excavation be provided and a new concrete pad for fuel oil tank be installed. Add \$1,524.00.



VI. EXTRA ORDERS TO CONTRACTS (continued)

E. Installation of New Heating Boiler to Carry Medical Center Load (continued)

General Contract

It is recommended that changes to the structure supports for the boiler be made in accordance with Revision #1 on the engineer's drawing #9. Add \$2,312.00.

Add            \$ 3,836.00

Funds for these extra orders will be provided from H. B. 949 or other authorized sources.

F. Pharmacy Building

It is recommended that 149 bowl sinks and 449 cup sinks for the laboratory equipment be furnished and installed.

Laboratory Equipment Contract    \$ 597.00  
Plumbing Contract                    8,533.00

Add            \$ 9,130.00

Funds will be provided for this extra order from Budget Account 801048.

G. Modernization of Orton Hall and Mendenhall Laboratory

Plumbing Contract

It is recommended that the following changes be made:

1. Provide a submersible sump pump in the elevator equipment room complete with all necessary connections, valves, and discharge lines.
2. Provide a 4" C.I connection for down-spout at elevator shaft with connection to storm sewer.

Add            \$ 690.00

Funds for this extra order will be provided from H. B. 949 or other authorized sources.

VI. EXTRA ORDERS TO CONTRACTS (continued)

H. Dayton Branch Campus, Phase II, Science Building

General Contract

It is recommended that additional concrete and brick paving be provided over the connection tunnel and in adjacent areas and that the retaining walls be revised.

Add                      \$ 1,455.00

Funds for this extra order will be provided from H. B. 949 or other authorized sources.

Upon motion of Mr. France, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

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VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it is recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Main Library Improvements, Phase II

This phase completes the project of adding a floor in the main reading room to increase the seating capacity from 220 to 600.

Funds in support of this project will be provided from Item 036, H. B. 202.

B. Repairs to University Airport Drainage System

This project will correct a drainage problem created by having farm land on one side and taxiway on the other.

Funds will be provided for this project from the Maintenance Account in H. B. 200.

C. Repairs to Roofs

This project will repair the roofs of Caldwell Laboratory, Poultry Science Laying House B, and Brooder House East of Bee Laboratory.

Funds will be provided for this project from the Maintenance Account in H. B. 200.

VII. PLANS AND SPECIFICATIONS (continued)

D. Masonry Repairs

The original contract for this work was defaulted and therefore it is necessary to advertise for a contract for the remaining work.

Funds will be provided for this project from the balance on the encumbrance for the defaulted contract and the contractor's bonding company.

E. North Dormitory Area Site Improvement - West Portion

This project will complete the site work of the North Dormitory complex which is not under contract with existing buildings.

Funds will be provided for this project from the Dormitory Construction Fund.

F. University Hospital - Repairs to Intensive Care Unit

This project proposes to remodel two rooms to provide special nursing care to critically ill patients.

Funds for this project will be provided from University Hospital Rotary.

G. University Hospital - Repairs to Operating Rooms

This project will rehabilitate four major surgical operating rooms, the intervening corridor, and adjacent scrub and substerile rooms.

Funds for this project will be provided from University Hospital Rotary.

H. Repairs to Married Student Housing Community Building

This project will repair the exterior walls, the porch and entrance, and windows of this building.

Funds will be provided for this project from Budget Account 920600.

I. Repairs to Plumbing in Upham Hall

Modernization of facilities to provide better sanitation, more privacy, and modern appearance.

Funds will be provided from the University Hospital Rotary.

J. Repairs and Improvements to Student Services Building

This project provides additional offices, waiting rooms, and laboratories for increased student load.

Funds for this project will be provided from Budget Account 162295.

September 14, 1965 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

K. Baseline Project for Geodetic Science

This project consists of a graded strip 100 ft. wide and 2,000 ft. long on which seven concrete piers for mounting precision measuring equipment will be constructed.

Funds for this project will be provided from the University Treasurer Research Account, Budget Account 170202 and Budget Account 129020.

L. Plumb Hall - Alterations for Computer Area

This project will provide adequate facilities for additional computer equipment.

Funds for this project will be provided from Budget Account 956281.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board:

A. Roof Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 7-12-65)		
Bruce Johnson Roofing Company (Cols.)	\$ 26,637.00	\$ 29,500.00

Funds for this project will be provided from the Maintenance Account in H. B. 200.

B. Repairs to Exterior Masonry

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 7-12-65)		
Charbetz Company (Columbus)	\$ 95,987.00	\$ 101,273.00

Funds for this project will be provided from the Maintenance Account in H. B. 200, Dormitory Maintenance Rotary and University Hospital Maintenance Rotary.

September 14, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Exterior Painting

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 7-12-65)		
Harold F. Mollenauer Co. (Columbus)	\$ 8,270.00	\$ 10,875.00

Funds for this project will be provided from the Maintenance Account in H. B. 200.

D. Sidewalk Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 7-12-65)		
Savage Blacktop Co. (Columbus)		
General Contract	\$ 31,265.00	\$ 40,000.00
Alt. 1	2,224.00	1,200.00
Alt. 2	2,541.00	2,500.00
Total Contract	<u>\$ 36,030.00</u>	<u>\$ 43,700.00</u>

Funds for this project will be provided from the Maintenance Account in H. B. 200.

E. Sidewalk Repairs at Eleventh Avenue and High Street

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 7-12-65)		
Pendleton Construction Co. (Columbus)	\$ 4,960.00	\$ 6,000.00

Funds for this project will be provided from the Maintenance Account in H. B. 200.

F. Upham Hall - Repairs to Auditorium

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 7-20-65)		
A. L. Meyer Construction Co. (Cols.)	\$ 4,184.00	\$ 6,600.00
<u>Electrical Contract</u>		
(3 bids received 7-20-65)		
Superior Elec. Engr. Co. (Columbus)	5,553.00	7,400.00
Total Contracts	<u>\$ 9,737.00</u>	<u>\$ 14,000.00</u>

Funds for this project are provided from the University Hospital Rotary.

G. Physiological and Experimental Psychology Laboratory (Readvertised)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 8-3-65)		
Pendleton Construction Co. (Columbus)	\$ 25,370.00	\$ 26,500.00

September 14, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

G. Physiological and Experimental Psychology Laboratory (Readvertised)  
(continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u>		
(1 bid received 8-3-65)		
Perry's Heating Co., Inc. (Columbus)		
Base Bid	\$ 11,586.00	\$ 12,000.00
Alt. HV-1 Air Conditioning Piping	525.00	750.00
Total Contract	<u>\$ 12,111.00</u>	<u>\$ 12,750.00</u>
<u>Plumbing Contract</u>		
(1 bid received 8-3-65)		
Perry's Heating Co., Inc. (Columbus)	\$ 4,998.00	\$ 6,000.00
<u>Electrical Contract</u>		
(2 bids received 8-3-65)		
Mid-City Electric Co. (Columbus)	\$ 4,500.00	\$ 6,000.00
Total All Contracts	<u>\$ 46,979.00</u>	<u>\$ 51,250.00</u>

Funds for this project are provided in Budget Accounts 801043 and 801044.

H. Street and Parking Area Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(1 bid received 7-12-65)		
Max J. Zeller (Columbus)		
Base Bid	\$ 38,951.56	\$ 40,000.00
Alt. #1	26,429.85	27,000.00
Alt. #2	8,550.00	10,000.00
Total Contract	<u>\$ 73,931.41</u>	<u>\$ 77,000.00</u>

Funds will be provided from the Maintenance Account in H. B. 200 for this project.

I. Raney Commons

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 8-20-65)		
Garwick & Ross, Inc. (Columbus)		
Base Bid	\$383,700.00	\$ 425,000.00
Alt. G-1 Site Improvement	29,500.00	20,000.00
Alt. G-2 Snack Bar and Revision	8,600.00	13,000.00
Total Contract	<u>\$421,800.00</u>	<u>\$ 458,000.00</u>

September 14, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

I. Raney Commons (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u>		
(4 bids received 8-20-65)		
Julian Speer Co. (Columbus)		
Base Bid	\$206,300.00	\$ 230,000.00
Alt. HV-1 Hot Water Heater Connection	1,200.00	700.00
Alt. HV-2 Snack Bar and Revision	3,700.00	6,500.00
Total Contract	<u>\$211,200.00</u>	<u>\$ 237,200.00</u>

<u>Plumbing Contract</u>		
(5 bids received 8-20-65)		
J. A. Guy, Inc. (Dublin, Ohio)		
Base Bid	\$ 77,700.00	\$ 80,000.00
Alt. P-1 Water Softener	2,400.00	4,000.00
Alt. P-2 Hot Water Storage Heater	7,000.00	9,000.00
Alt. P-3 Piping for Kettle Water Meter	300.00	600.00
Alt. P-4 Snack Bar and Revision	700.00	6,500.00
Total Contract	<u>\$ 88,100.00</u>	<u>\$ 100,100.00</u>

<u>Electrical Contract</u>		
(5 bids received 8-20-65)		
Mid-City Electric Co. (Columbus)		
Base Bid	\$ 88,200.00	\$ 105,000.00
Alt. E-1 Yard Lighting	1,990.00	3,000.00
Alt. E-2 Emergency Generator	4,300.00	6,300.00
Alt. E-3 Water Softener	50.00	300.00
Alt. E-4 Hot Water Heater and Pump	62.00	500.00
Alt. E-5 Snack Bar and Revision	2,420.00	10,000.00
Total Contract	<u>\$ 97,022.00</u>	<u>\$ 125,100.00</u>

<u>Kitchen Equipment Contract</u>		
(2 bids received 9-3-65)		
Great Lakes Hotel Supply Co. (Detroit, Michigan)		
Base Bid	\$167,995.00	\$ 180,000.00
Alt. KE-2 Kettle Water Meter	+ 340.00	+ 500.00
Alt. KE-3 Lowerators	- 1,269.00	+ or -
Alt. KE-4 Snack Bar Equipment	+ 12,044.00	+ 16,000.00
Total Contract	<u>\$179,110.00</u>	<u>\$ 196,500.00</u>

Total All Contracts	<u>\$997,232.00</u>	<u>\$1,116,900.00</u>
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Funds for this project are provided in the Dormitory Construction Fund.

J. Gas Line and Water Line Extensions for Northeast Corner of Campus

Bids were received on April 29, 1965, for this project. Only one bid was received at this time and it was over the estimate of cost. The estimate was revised and the contract readvertised with bids to be received on May 10. No bids were received at this time. Consequently, negotiations began for quotations from contractors presently working on the campus with the following results:

September 14, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

J. Gas Line and Water Line Extensions for Northeast Corner of Campus  
(continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (1 bid received 5-13-65) Tibbetts Plumbing and Heating Co. (Dayton)	\$ 18,200.00	\$ 18,500.00

Funds for this project are provided in Item 030, S. B. 370.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 193 Approves the transfer of \$240,000.00 from Item 315-007 to Item 315-010 and the release of \$361,042.00 in Item 315-010 to provide funds for the award of contracts and miscellaneous costs on the project "Chemistry Research Facilities."
- 1 Approves the purchase of property and buildings located at 138 West Ninth Avenue, Columbus, Ohio.
- 2 Approves the purchase of property and buildings located at 188 West Tenth Avenue, Columbus, Ohio.
- 3 Approves the purchase of property and buildings located at 162 West Tenth Avenue, Columbus, Ohio.
- 4 Approves the purchase of 40 lots in the area bounded by Lane Avenue on the north, High Street on the east, Woodruff Avenue on the south, and Tuttle Park Place on the west.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Sewer Easement - City of Columbus

The City of Columbus has requested a 20-foot easement for construction of the Oakland Avenue Storm Relief Sewer across lands held in the Investment Portfolio. The line will cross Lots Nos. 179, 180, 181, and 182 of Samuel L. Thompson, et al, Northwood Heights Subdivision, Columbus, Franklin County, Ohio. The University will have the right to use the storm sewer.



X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Sewer Easement - City of Columbus (continued)

It is recommended that the Vice President for Business and Finance be authorized to execute a sewer line easement with the City of Columbus on behalf of the Board of Trustees.

Upon motion of Mr. France, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

B. Gas Line Easement - Dayton Campus - Ohio Fuel Gas Company

The Ohio Fuel Gas Company has requested permission to relocate and install a new 20-inch high pressure gas transmission pipe line across lands of the Miami University - The Ohio State University Dayton Branch Campus.

It is recommended that the Vice President for Business and Finance be authorized to join with Miami University in granting a "right of entry" for this work and ultimately execute jointly with Miami University a gas line easement to the Ohio Fuel Gas Company.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

C. Gas Line Easement - Columbia Gas of Ohio, Inc.

The Columbia Gas of Ohio, Inc. has requested an easement for the construction, maintenance, and service of a gas line west of and following the alignment of Kenny Road from Ackerman Road to a point opposite the northwest corner of the new Motor Pool Garage Building. This line will provide natural gas service for the Garage Building as well as future work in the development of the Service Plaza.

It is recommended that the Vice President for Business and Finance be authorized to execute a gas line easement with The Columbia Gas of Ohio, Inc., on behalf of the Board of Trustees.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

D. Gas Line Easement - Columbia Gas of Ohio, Inc.

The Columbia Gas of Ohio, Inc. has requested an easement for the construction, maintenance, and service of a gas line from the vicinity of Buckeye Village and running west of and following the alignment of Olentangy River Road to a point south of Lane Avenue. This line will provide additional gas service for the Power Plant in connection with the new Boiler Project at the Medical Center.

It is recommended that the Vice President for Business and Finance be authorized to execute a gas line easement with The Columbia Gas of Ohio, Inc., on behalf of the Board of Trustees.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

E. University Architect - Assignment of Projects

It is recommended that the University Architect be assigned the following projects to provide complete architectural and engineering services including preliminary drawings, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and supervision of construction:

Service Center, Phase II  
Library Stacks  
Food Facility, Phase III  
River Union  
Student Services Facility  
Library Reading Room  
Laboratory Animal Facility  
Jones Tower  
Dennis House  
Stadium Dormitory Kitchen  
Athletic Department Field Building Locker Room

Upon motion of Mr. France, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

F. Street Cleaning Agreement - City of Columbus

It is recommended that the following resolution be adopted:

WHEREAS, The Ohio State University is desirous of cooperating with and assisting the City of Columbus when such assistance is within its proper authority; and

WHEREAS, the City of Columbus is desirous of having the University clean and sweep streets which border the campus and have University frontage; and

WHEREAS, the University now provides its own street cleaning and sweeping service for all campus streets;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees by this action requests the City of Columbus to concur with the University in permitting such cleaning and sweeping operations on contiguous streets having University frontage and that City Council do all those things necessary to provide the University with the legal right to perform such services and to provide such police assistance as might be necessary to enable the University to allow the cleaning and sweeping to proceed in an orderly and safe manner.

Upon motion of Mr. Bricker, seconded by Mr. France, the above resolution was adopted by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

G. Employment of Architects

It is recommended that the following architectural firms be employed to provide complete architectural services for the projects indicated including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, and necessary bidding documents:

C. Curtis Inscho and Associates	Medical - Basic Science
Tibbals, Crumley and Musson	Humanities - Little Theater
Potter, Tyler, Martin and Roth	Humanities - Language
Kellam & Foley	General College
A. M. Kinney Associates	Biological Sciences
Brooks and Coddington	West Union
Louis F. Karlsberger and Associates	Student Health Facility
Edwards and Burris	Marion Campus
Strong, Strong and Strong	Lima Campus - Phase II

The employment of these architects is subject to the approval of the Director of Public Works, State of Ohio, and the release of funds by the State Controlling Board. The fees for their services will be calculated on the standard fee basis as established by the Director of Public Works.

Funds will be provided from accounts established in H. B. 202, H. B. 949, and other University accounts.

Upon motion of Mr. Shocknessy, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

H. Employment of Engineers - Food Facility, Phase III

It is recommended that the engineering firm of H. A. Williams be employed to provide complete professional engineering services for heating and ventilating, refrigeration, plumbing, and electrical work for the above project, including design, preparation of drawings, specifications and estimate of cost, and complete field supervision of construction.

The fee for this service will be computed at the hourly rate of \$10.00 per hour for engineers and \$6.00 per hour for draftsmen with a maximum fee of \$16,000.00. Funds will be provided from Budget Account 920600.

Upon motion of Mr. France, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

- I. Purchase of Property - Lots Nos. 51, 52, 53, 54, 55, 92, 190, 191, 192, 193, 194, 195, 196, 203, 204, 218, 219, 223, 224, 226, 227, 228, 230, and 231 of the R. P. Woodruff's Agricultural College Addition, City of Columbus, Franklin County, Ohio

WHEREAS, The Ohio State University has acquired certain parcels of real property located north of Woodruff Avenue and to this extent has extended its northerly boundary north of Woodruff Avenue; and

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of dormitory, educational, research, and service facilities, will be required to acquire most, if not all, of the land between Woodruff Avenue on the south, Tuttle Park Place on the west, Lane Avenue on the north, and High Street on the east; and

WHEREAS, the University has a general development plan for the area which has been approved and in which sites for residence halls, recreation, and parking have been established; and

WHEREAS, Section 3345.07 of the Ohio Revised Code provides for the construction and operation of dormitories and dining halls and Section 3345.11 of the Ohio Revised Code provides for the construction and operation of special facilities for universities including acquisition of sites; and

WHEREAS, the Trustees of The Ohio State University deem that suitable dormitory, recreation, and parking facilities are mandatory in meeting the needs of the University and serving the people of the State of Ohio and, therefore, find it necessary to proceed with the acquisition of real property therefor; and

WHEREAS, said Board of Trustees acting through the Office of Business and Finance of the University has been negotiating for the purchase of said real estate hereinafter set forth;

NOW BE IT RESOLVED, that the Vice President for Business and Finance be authorized to proceed with the purchase of the following-described real estate from Account No. 921300 or other authorized sources of funds designated for this purpose and, in the event negotiation should fail, that pursuant to his statutory authority, the Director of Public Works for and on behalf of said Board of Trustees be requested to take steps to acquire by condemnation, for the State of Ohio and said University, those parcels of the real estate not acquired through negotiation.

1. Being North 85' of Lots Nos. 51, 52, 53 and South 75' of Lots Nos. 51, 52, 53, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2093-2099 Neil Avenue and 208-222 West Woodruff Avenue respectively. Owner of record is Mary M. Smith.
2. Lots Nos. 54 and 55, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 224 West Woodruff Avenue. Owner of record is Josephine Ruff.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

- I. Purchase of Property - Lots Nos. 51, 52, 53, 54, 55, 92, 190, 191, 192, 193, 194, 195, 196, 203, 204, 218, 219, 223, 224, 226, 227, 228, 230, and 231 of the R. P. Woodruff's Agricultural College Addition, City of Columbus, Franklin County, Ohio (continued)
  3. Being North 100' of Lot No. 92 and East 4' by 100' of Lot No. 91, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio. Owner of record is East End Development Company.
  4. Being South 32' of Lots Nos. 190-192, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2133-2135 Neil Avenue. Owner of record is John M. Weed and Grace W. Eubank.
  5. Being the middle 32' of Lots Nos. 190-192, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2141 Neil Avenue. Owner of record is Agnes Clark.
  6. Being West 10' of Lots Nos. 192 and 193, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 212 West Frambes Avenue. Owner of record is Carl L. Johnson.
  7. Lot No. 194, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 216 West Frambes Avenue. Owner of record is Robert W. Johnson.
  8. Lot No. 195, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 220 West Frambes Avenue. Owner of record is Robert W. Johnson.
  9. Lot No. 196, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 224 West Frambes Avenue. Owner of record is Carl L. Johnson.
  10. Lots Nos. 203 and 204, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 254-260 West Frambes Avenue. Owner of record is Eber W. and Ralph W. Fackler.
  11. Lot No. 228, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 203 West Lane Avenue. Owner of record is Ethel S. Dean.
  12. Lot No. 218, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 241 West Lane Avenue. Owner of record is Ralph W. and Lillian Fackler.
  13. Lot No. 219, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 239 West Lane Avenue. Owner of record is Laura Armstrong.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

- I. Purchase of Property - Lots Nos. 51, 52, 53, 54, 55, 92, 190, 191, 192, 193, 194, 195, 196, 203, 204, 218, 219, 223, 224, 226, 227, 228, 230, and 231 of the R. P. Woodruff's Agricultural College Addition, City of Columbus, Franklin County, Ohio (continued)
14. Lot No. 223 and 10' of Lot No. 222, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 223 West Lane Avenue. Owner of record is William and Lila E. Anderson.
15. Lot No. 224, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 219 West Lane Avenue. Owner of record is Esther Woods.
16. Lot No. 226, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 209 West Lane Avenue. Owner of record is Inez P. Cleland.
17. Lot No. 227, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 207 West Lane Avenue. Owner of record is Ruth Leupold.
18. Being South 80' of Lot No. 230 and Lot No. 231, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 2157-2163 Neil Avenue. Owner of record is William E. Benua, Tr.
19. Being North 80' of Lot No. 230 and Lot No. 231, R. P. Woodruff's Agricultural College Addition, Columbus, Franklin County, Ohio, and commonly known as 189-195 West Lane Avenue. Owner of record is Nettie Davis.

Upon motion of Mr. Shocknessy, seconded by Mr. Davis, the above resolution was adopted by unanimous roll call vote.

J. Purchase of Buildings and Property, 107 West Eleventh Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Quinn Properties, Inc. at a price of \$19,000.00:

Property known as 107 West 11th Avenue, being  
Lot #4, John A. Evan's College View Addition, City  
of Columbus, County of Franklin, State of Ohio.

Funds are available in Budget Account 920600.

Upon motion of Mr. Davis, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

K. Center for Tomorrow

It is recommended that the following resolution be adopted:

WHEREAS, on October 9, 1964, the Board of Trustees passed an enabling resolution directing the appropriate University officers, under the leadership of the President, to proceed vigorously with the steps necessary for the undertaking and completion of the Center for Tomorrow project; and

WHEREAS, studies have been underway, plans have reached the preliminary stage, and the project is now ready for the final stages; and

WHEREAS, in furtherance of this purpose, the Board of Trustees of The Ohio State University hereby determines that it is in the interest of the University to obtain the services of Squire, Sanders & Dempsey in connection with a proposed issue of Continuing Education Center Revenue Bonds and any additional bonds issued on a parity thereto;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees that the President and the Vice President for Business and Finance and each of them be authorized to request the Attorney General of the State of Ohio to designate Squire, Sanders & Dempsey as Special Counsel to the University, on the terms set forth in the Form of Designation presented to and filed and recorded (see Appendix II, page 177) with the records of this meeting; and be it

RESOLVED further that the officers of the University as designated proceed as soon as practicable to sell bonds in amounts as are required by the total funding plan for this project; such bonds to be sold within the framework of the University's previously approved bonding procedures and with the advice and counsel of Squire, Sanders & Dempsey; and be it

RESOLVED further that the architectural firm of Lorenz and Williams, Dayton, Ohio, be provided with a supplemental contract to complete architectural and engineering services for this project including basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and supervision of construction, at a fee based on the Board action of September 11, 1964.

Upon motion of Mr. Bricker, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

L. Student Facilities

It is recommended that the following resolution be adopted:

WHEREAS, the Board of Trustees, in furtherance of its aim to provide adequate and efficient facilities for students, has determined that the following projects should be implemented:

1. Student Health Facility
2. Student Services Facility
3. River Union
4. General College Union;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees that the President and through him the Vice President for Business and Finance be directed to establish a suitable financing plan to fund the above projects in the shortest practicable time and to proceed with the implementation of the projects in accordance with regularly established University procedures; and be it

RESOLVED further, that in the event it becomes necessary for the University to sell Revenue Bonds on the bond market and to employ Bond Counsel for this purpose, the President and Vice President for Business and Finance and each of them be authorized to request the Attorney General of the State of Ohio to designate Squire, Sanders & Dempsey as Special Counsel to the University in connection with the proposed issue of Student Facilities Bonds, and any additional bonds issued on a parity thereto, on the terms set forth in the Form of Designation presented to and filed and recorded (see Appendix III, page 181) with the records of this meeting; and be it

RESOLVED further, that should it be determined by the President and the Vice President for Business and Finance that it is in the best interest of the University to sell Revenue Bonds, designated Student Facilities Revenue Bonds, within the framework of the University's previously approved bonding procedures and with the advice and counsel of Squire, Sanders & Dempsey, the aforementioned officials are authorized to proceed with the implementation of said bond indenture.

Upon motion of Mr. Davis, seconded by Mr. France, the above resolution was adopted by unanimous roll call vote.



X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

M. Hospital Food Facility Project - Authorization to Proceed

It is recommended that the following resolution be adopted:

WHEREAS, the University desires to utilize the maximum amount of State capital improvements funds for matching purposes to qualify for Federal money for Hospital capital improvements; and

WHEREAS, matching money from the Federal Government appears less available for food services not directly related to instruction and research; and

WHEREAS, such facilities can be provided through the sale of self-liquidating bonds hereafter to be designated as The Ohio State University Hospital Revenue Bonds, the liquidation of which would be paid from non-tax Hospital revenues;

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of The Ohio State University hereby determines that it is in the interest of the University to obtain the services of Squire, Sanders & Dempsey in connection with the proposed issue of The Ohio State University Hospital Revenue Bonds and accordingly the President and Vice President for Business and Finance and each of them are authorized to request the Attorney General of the State of Ohio to designate Squire, Sanders & Dempsey as Special Counsel to the University on the terms set forth in the Form of Designation presented to and filed and recorded (see Appendix IV, page 185) with the records of this meeting; and be it

FURTHER RESOLVED, that the aforementioned University officials shall establish the timing of this project to coordinate with the construction of the planned additions to the Medical Center.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above resolution was adopted by unanimous roll call vote.

N. Parking Ramps

It is recommended that the following resolution be adopted:

WHEREAS, on July 17, 1964, the Board of Trustees approved in principle the report submitted by Wilbur Smith and Associates entitled "Initial Parking Program and Related Traffic at The Ohio State University," dated June 15, 1964; and

WHEREAS, since that time, developments in the Medical Center make it appear wise not to proceed with the Medical Parking Ramp as the initial parking structure supported by parking revenue bonds; and

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

N. Parking Ramps (continued)

WHEREAS, because of the delay in the determination of the requirements in the Medical Center pending the availability of Federal funds and the establishment of an approved plan of action for the area, it is determined advisable to proceed first with the Ohio Union Parking Ramp and concurrently as soon thereafter as possible with the Arps Hall Parking Ramp;

NOW, THEREFORE, BE IT RESOLVED that the actions of the Board of Trustees of July 17, 1964, be amended to indicate this change in the program.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above resolution was adopted by unanimous roll call vote.

O. Special Policeman Commission

At the request of the Vice President for Business and Finance, it is recommended that Gary Wayne Van Vorst be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of the State of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Van Vorst, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio, in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

P. Marion Campus

It is recommended that the following resolution be adopted:

WHEREAS, on September 11, 1965, Mr. Edwin L. Mitchell, President of the Marion Area College Foundation, Inc., presented an appraisal report from Mr. Roy F. Boyd, M. A. I., Columbus, Ohio, indicating the fair market value of the property to be donated to The Ohio State University for the Marion Campus of \$622,000.00; and

WHEREAS, it is the intention of the Marion Area College Foundation to present this property to the University with a clear title satisfactory to the Attorney General and the Director of Public Works of the State of Ohio; and

WHEREAS, the Board of Regents' rules require a determination of the value of donations of each local community acquiring a branch;

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees accepts as evidence of value the appraisal report presented herewith and filed with the records of this meeting and determines that subject to the limitations mentioned above the value of the property donated is \$622,000.00; and

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

P. Marion Campus (continued)

BE IT FURTHER RESOLVED that any additional donations made by the Marion Area College Foundation be added to this figure in the determination of the State allocation to be made in accordance with the Board of Regents' rule pertaining thereto.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Earl William Anderson, Professor in the School of Education, and Chester C. Lang, Professor Emeritus in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board have been furnished the families of the deceased.

A. Earl William Anderson

The Board of Trustees expresses its sorrow at the death on July 21, 1965, of Earl William Anderson, Professor in the School of Education.

Dr. Anderson was born on March 13, 1897, in Charleston, Illinois. He received his A. B. degree from the University of Illinois in 1918, his M. A. degree from Teachers College, Columbia University, in 1925, and his Ph. D. degree from the same institution in 1926. His professional career began with an appointment to the State of Ohio Department of Education as a high school supervisor. He became identified with The Ohio State University as an Associate Professor in 1927, rose to Professor in 1933, and eventually served the College of Education as Chairman of the Department of Education from 1956 to 1962.

Professor Anderson's specialization was in the fields of higher education and teacher education. He was president of the Association for Higher Education in 1951 and served on its executive committee in several capacities. In 1937 he was elected president of the National Institute of Teacher Placement. He was active in local and state professional organizations and served as president of the Ohio Council on Education in 1950. In the same year he was awarded an honorary degree of Doctor of Pedagogy from Eastern Illinois State College.

Dr. Anderson has made a significant contribution to teacher education and higher education through his writings, contributions to yearbooks and special reports, and professional articles. He has served in a consultant capacity to state boards of higher education in several states, as a consultant to colleges seeking accreditation, and made survey studies of higher education in

XI. RESOLUTIONS IN MEMORIAM (continued)

A. Earl William Anderson (continued)

several states. His broad interest in faculty and professional affairs included service to many commissions and committees, including the Faculty Council, the Conference Committee, AAUP, and other University groups.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

B. Chester C. Lang

The Board of Trustees expresses its sorrow at the death on August 21, 1965, of Chester C. Lang, Professor Emeritus in the Cooperative Extension Service.

Mr. Lang was born at Woodsfield, Ohio, November 16, 1895. From 1915 to 1916 he was a rural school teacher; he served in the United States Army from 1917 to 1918, after which he enrolled in the College of Agriculture and Home Economics at The Ohio State University. Upon graduation in 1922, he became County 4-H Club Agent in Wood County. Two years later he was named Assistant State Club Leader, a position he held until he was promoted to State Club Leader, April 1, 1951. He attended Cornell University for graduate work in 1928 and 1929.

On March 8, 1953, Mr. Lang left Ohio to become a member of the 4-H Club staff of the Federal Extension Service in Washington, where he provided national leadership in 4-H and other youth work. After his retirement from the Federal position, he served as a consultant on agricultural extension work in Colombia and Panama. For the last two years he was a member of the staff of the Inter-American Institute of Agricultural Sciences in Turrialba, Costa Rica.

Mr. Lang well represented the philosophy, enthusiasm, and dedication of Extension faculty members as he spent his professional career in service to others. He was a quiet worker and a wise counselor to the many Ohioans who sought his help, particularly the residents of the southeastern Ohio counties where he was assigned during his tenure as Assistant State Club Leader. Mr. Lang was especially interested in the development of local leadership. He worked closely with the faculty of the College of Education in defining the educational aims, objectives, and philosophies pertaining to youth work so that the Ohio 4-H Club program would be maintained on a sound basis.

Through his quiet leadership, wise counsel, and inspiration to other professional staff members as well as to the clientele of the Cooperative Extension Service, Mr. Lang contributed significantly to the development of Extension education in the State of Ohio and thereby brought recognition to The Ohio State University.

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Chester C. Lang (continued)

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held July 16, 1965

It is reported for information and the record that the Ohio Board of Regents at its regular meeting on July 16, 1965

- (1) approved the new degree program for awarding the degree Master of Architecture to be granted by The Ohio State University (authorized by Board of Trustees at its March 11, 1965 meeting, subject to the approval of the Board of Regents); and
- (2) awarded The Ohio State University three Regents' Professorships for 1965-67 on behalf of Professor Melvin Newman, Department of Chemistry and member of the National Academy of Sciences; Professor Melville Wolfram, Department of Chemistry and member of the National Academy of Sciences; and Professor Robert M. Zollinger, Department of Surgery, former president of the American College of Surgeons, and editor-in-chief of the American Journal of Surgery.

Upon motion of Mr. Shocknessy, seconded by Mr. Bricker, the Secretary was instructed to include the above report in the minutes of this meeting.

B. Reports from the Finance and Investment Committee

1. Purchase of Property - University Airport

Mr. Allyn, Chairman of the Finance and Investment Committee, presented the following recommendation and moved that it be approved:

On December 10, 1964, the Board of Trustees approved a report from the Finance and Investment Committee. This report included a recommendation that an amount not to exceed \$750,000.00 be invested in certain real property in the University Airport area with the understanding that specific actions for purchase of certain said property be submitted to the Board of Trustees for final approval.

XII. REPORTS (continued)

B. Reports from the Finance and Investment Committee (continued)

1. Purchase of Property - University Airport (continued)

In accordance with this action, it is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of approximately 17 acres of land from Cora E. Quellette at a price of \$2,500.00 per acre. This property is located adjacent to the west end of University Airport and is contiguous to other investment land holdings in this area.

Funds will be provided for this purchase from the Investment Portfolio and the property will be held in the name of the Board of Trustees of The Ohio State University.

Following a second of Mr. Allyn's motion by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

2. Purchase of Property - 6.4 Acres on Kenny Road

Mr. Allyn, Chairman of the Finance and Investment Committee, presented the following recommendation and moved that it be approved:

The Board of Trustees currently owns two parcels of real estate on Kinnear Road, commonly known as 930 and 980 Kinnear Road. A 6.4 acre parcel of land contiguous to these two parcels on the north and adjacent to the south side of other University lands is available for acquisition. Said parcel has 295 feet of frontage on Kenny Road.

In order to provide space for expansion of the Board's investment activity in this area, it is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of this parcel of land from Herrick L. Johnston at a price of \$152,500.00.

Funds will be provided for this purchase from the Investment Portfolio and the property will be held in the name of the Board of Trustees of The Ohio State University.

Following a second of Mr. Allyn's motion by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

3. Appropriations for University Administrative Officials

On behalf of the Finance and Investment Committee of the Board of Trustees, Mr. Stanley C. Allyn moved that the amounts to be appropriated from the unrestricted interest on endowment funds in the University Treasury to the principal administrative officers of the University for the purpose of carrying out their administrative responsibilities during the fiscal year 1965-66 be on the same basis as the appropriations for 1964-65: (1) to the President, \$7,500.00; (2) to each of the persons in the following Cabinet offices, \$1,000.00 - Vice President for Academic Affairs and Dean of Faculties; Vice President for Business and Finance;

XII. REPORTS (continued)

B. Reports from the Finance and Investment Committee (continued)

3. Appropriations for University Administrative Officials (continued)

Vice President for Research; Vice President for Educational Services; Vice President for Administration; Executive Dean for Student Relations; Executive Dean for Admissions and Registrations; Executive Director for Campus Planning; Executive Director for University Relations; and (3) an additional amount of \$1,000.00 to be allocated at the discretion of the President for such costs as may be incurred by the administrative officers as they, by direction, further the fiscal progress of the University.

The above motion was seconded by Mr. Dargusch, Sr. and approved by unanimous roll call vote.

4. Interim Financing - Drackett Tower

Mr. Allyn, Chairman of the Finance and Investment Committee, moved that the following resolution providing for \$3,000,000 in financing for the purpose of constructing and equipping Drackett Tower (Dormitory Building No. 12) be adopted:

RESOLUTION providing for the issuance of \$3,000,000 Dormitory Revenue Notes, Series 1965, for the purpose of refunding a like principal amount of Dormitory Revenue Notes, dated September 16, 1963, issued for the purpose of constructing and equipping a dormitory building known as Dormitory Building No. 12 and also known as Drackett Tower.

WHEREAS, pursuant to resolution duly adopted by the Board of Trustees on September 14, 1963, the University has, pursuant to Section 3345.07 of the Revised Code of Ohio, issued and there are outstanding \$3,000,000 principal amount of The Ohio State University Dormitory Revenue Notes, dated as of September 16, 1963, bearing interest at the rate of 2-3/4% per annum, payable March 15, 1964 and semi-annually thereafter, maturing on September 15, 1965, and having been issued for the purpose of constructing and equipping a new dormitory building known as Dormitory Building No. 12 and also known as Drackett Tower, being a part of the North Campus dormitory and dining hall complex; and

WHEREAS, this Board of Trustees did by resolution duly adopted September 13, 1963 authorize the issuance of \$3,000,000 Dormitory Revenue Bonds, Series I, of the University as the permanent financing for such Drackett Tower, which Series I Bonds have not yet been issued; and

WHEREAS, by resolutions duly adopted March 11, 1965 this Board did duly authorize the issuance of \$11,000,000 Dormitory Revenue Bonds, Series J, of the University to construct and equip Jones and Taylor Towers and Archer, Dennis, Houck and Nosker Houses, and Northeast Dining Facility, being the balance of the dormitories and dining halls of

XII. REPORTS (continued)

B. Reports from the Finance and Investment Committee (continued)

4. Interim Financing - Drackett Tower (continued)

the North Campus complex to be financed by revenue bonds, and did on March 11, 1965 and April 8, 1965 duly adopt and amend a resolution providing for interim construction financing pursuant to which the University has duly issued and there now are outstanding \$11,000,000 Dormitory Revenue Notes of 1965, dated as of March 15, 1965, bearing interest at the rate of 2.65% per annum payable September 15, 1965 and semi-annually thereafter, and maturing on September 15, 1966;

WHEREAS, it is hereby determined that the best interests of the University would be served by converting the aforesaid interim financing to permanent financing by a single issue of bonds to be issued in 1966 for the financing of all of the aforesaid buildings in the North Campus complex, and that for such purpose it is necessary to issue the below authorized notes to refund the aforesaid \$3,000,000 Dormitory Revenue Notes which mature September 15, 1965;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University:

Section 1. It is hereby determined and declared that it is necessary to issue and there shall be issued, pursuant to Section 3345.07 of the Revised Code of Ohio, The Ohio State University Dormitory Revenue Notes, Series 1965, in the aggregate principal amount of \$3,000,000 for the purpose of refunding the presently outstanding \$3,000,000 principal amount of The Ohio State University Dormitory Revenue Notes dated as of September 16, 1963.

Section 2. Said notes shall be issued as bearer coupon notes, or in fully registered form without coupons, as requested by the Original Purchaser, shall be dated as of September 15, 1965, shall mature on September 15, 1966, shall bear interest payable at maturity or semi-annually, as shall be determined by the Fiscal Officer in his Certificate of Award referred to in Section 3 hereof, at a rate not exceeding three per centum per annum as determined in such Certificate of Award, shall be in denominations of \$10,000 or any multiples thereof, shall be numbered as determined by the Fiscal Officer, and shall be executed by the Executive Officer and by the Fiscal Officer, provided that one such signature may be a facsimile, shall have the seal of the University impressed thereon, or a facsimile of said seal imprinted thereon, and the coupons, if any, pertaining thereto shall be signed by or bear the facsimile signature of the Fiscal Officer. The definitive notes shall be substantially in the forms attached hereto as Appendix V, page 189, and Appendix VI, page 193, the terms and covenants of which are incorporated herein, with such changes therein, not substantially adverse to the University, as the officers executing same and the Original Purchaser may agree upon, provided that the entire issue may be represented by a single note if so agreed.



XII. REPORTS (continued)

B. Reports from the Finance and Investment Committee (continued)

4. Interim Financing - Drackett Tower (continued)

If agreeable to the Original Purchaser, prior to delivery of the definitive notes, said notes may be delivered as one or more temporary manuscript notes to be surrendered to the University at the principal office of the Paying Agent when the University shall notify the holder thereof that the definitive notes are available.

Both the principal of and the interest on all coupon notes shall be payable at the principal office of the Paying Agent. Payment of the interest on coupon notes shall be made only upon presentation and surrender of the coupons representing such interest as the same respectively fall due. The principal of all registered notes shall be payable at the principal office of the Paying Agent and payment of the interest on registered notes without coupons shall be made on each interest payment date to the person appearing on the registration books of the University hereinafter provided for as the registered owner thereof, by check or draft mailed by the Paying Agent to such registered owner at his address as it appears on such registration books.

The University shall cause books to be kept by the Paying Agent as note registrar for the registration and transfer of notes as provided in this Resolution.

Title to any coupon note and to any interest coupon shall pass by delivery in the same manner as a negotiable instrument payable to bearer. Any registered note without coupons may be transferred only upon the books kept for the registration and transfer of such notes, upon surrender thereof together with an assignment duly executed by the registered owner or his attorney in such form as shall be satisfactory to the Paying Agent. Upon the transfer of any such registered note the University shall execute in the name of the transferee and deliver a new registered note or notes, without coupons, of any denomination or denominations authorized by this Resolution, in aggregate principal amount equal to the principal amount of such registered note, of the same maturity, and bearing interest at the same rate.

Except as otherwise provided in this Resolution, the University and the Paying Agent may make a charge for every such transfer of notes sufficient to reimburse them for any tax, fee or other governmental charge required to be paid with respect to such transfer, and in addition may charge a sum sufficient to reimburse them for all costs and expenses incurred in connection with such transfer, and such charge or charges shall be paid before any such new note shall be delivered. Neither the University nor the Paying Agent shall be required to transfer any note or notes during the ten (10) days next preceding an interest payment date on the notes.

XII. REPORTS (continued)

B. Reports from the Finance and Investment Committee (continued)

4. Interim Financing - Drackett Tower (continued)

As to any registered note without coupons, the person in whose name the same is registered shall be deemed and regarded as the absolute owner thereof for all purposes and payment of or on account of the principal of any such note and the interest on any such registered note without coupons shall be made only to or upon the order of the registered owner thereof or his legal representative, but such registration may be changed as hereinabove provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such note, including the interest thereon to the extent of the sum or sums so paid. The University, and the Paying Agent may deem and treat the bearer of any coupon notes and the bearer of any coupon appertaining to any coupon note, as the absolute owner of such note or coupon, as the case may be, whether such note or coupon shall be overdue or not, for the purpose of receiving payment thereof and for all other purposes whatsoever, and neither the University nor the Paying Agent shall be affected by any notice to the contrary.

The principal of and interest on said notes shall be payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fifth Supplemental Trust Agreements, after providing only for the reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made into the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes of the University to be issued pursuant to Section 3345.07 of the Revised Code of Ohio to refund said notes; and neither the State of Ohio nor the University or its Board of Trustees shall be obligated to pay the same from any other funds or source, nor shall such notes be a claim upon or lien against any other property of the University or the State of Ohio, and said notes are not general obligations of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

For the purposes of this resolution, "Paying Agent" shall mean a bank or trust company with its principal office in Ohio designated by the Original Purchaser as the paying agent hereunder and approved by the Fiscal Officer; "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University.

Section 3. The notes shall be sold by negotiation, solicitation of proposals or advertisement for bids, by the Fiscal Officer upon such terms and conditions, not inconsistent with this resolution, as he may determine, but at a purchase price of not less than par plus accrued interest, if any, and at an interest rate of not exceeding three per centum per annum. The

XII. REPORTS (continued)

B. Reports from the Finance and Investment Committee (continued)

4. Interim Financing - Drackett Tower (continued)

University will provide printed notes at its expense if approved by the Fiscal Officer. The award of the notes by the Fiscal Officer shall be evidenced by a Certificate of Award signed by him (the purchaser designated therein being herein called the "Original Purchaser"), and the Fiscal Officer is hereby authorized to do all things necessary or proper for the delivery of said notes in accordance with such award and this resolution.

Section 4. The proceeds of said notes shall be applied promptly to the payment and discharge of the aforesaid Dormitory Revenue Notes dated as of September 16, 1963, and the Fiscal Officer is hereby directed to apply to the payment of interest on said outstanding notes such amount from the construction fund for the Drackett Tower or from surplus dormitory revenues as shall be needed therefor.

The Ohio State University  
Schedule of Expected Earnings Coverage Under Section 6(b)  
of Bond Resolution as of July 1, 1967 for Issuance of  
\$14,000,000 Dormitory Revenue Bonds, Series I

1.	Net income from existing dormitory facilities for the fiscal year ended June 30, 1965. (Note 1)	\$2,319,870
2.	Estimated annual net income from North Commons and dormitory facilities being financed through issuance of the Series I Bonds. (Note 2)	
	North Commons, Raney Commons, Archer, Drackett, Houck, Nosker, and Taylor (construction bids already taken)	\$676,480
	Dennis and Jones (construction bids not yet taken)	<u>206,640</u>
	Total	<u>883,120</u>
3.	Total estimated net income from existing facilities described in Item 1 and facilities to be constructed from proceeds of Series I Bonds referred to in Item 2.	<u>\$3,202,990</u>
4.	Maximum amount to become due in any succeeding fiscal year for principal and interest on Series A, B, C, D, E, F, G, H and I Bonds. (Note 3)	<u>\$1,956,871</u>
5.	Ratio of total net income to maximum principal and interest requirements on Series A, B, C, D, E, F, G, H and I Bonds.	<u>1.6368</u>

XII. REPORTS (continued)

B. Reports from the Finance and Investment Committee (continued)

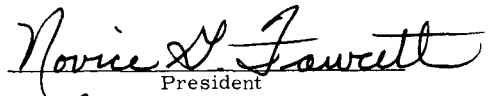
4. Interim Financing - Drackett Tower (continued)

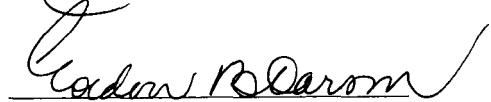
The Ohio State University  
Schedule of Expected Earnings Coverage Under Section 6(b)  
of Bond Resolution as of July 1, 1967 for Issuance of  
\$14,000,000 Dormitory Revenue Bonds, Series I

- Note 1 The term dormitory facilities as herein used shall mean dormitory facilities as that term is defined in the Trust Agreement with The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fifth Supplemental Trust Agreements.
- Note 2 Estimated net income is computed in accordance with the Trust Agreement on the basis of 95% occupancy and estimated expenses are consistent with those experienced in similar existing facilities. 95% occupancy is consistent with experience to date. It is hereby certified that the facility, Drackett Tower, under Item 2 was placed in operation in March, 1965, that North Commons, Archer, Houck and Nosker Houses and Taylor Tower, will be in operation and revenue producing by September, 1966, and that Raney Commons will be in operation and revenue producing by January, 1967.
- Note 3 Series I Bonds are computed at 3-3/4% for 40 years. Series A through H are computed on basis of actual interest rates for those bonds.

CERTIFICATE

The undersigned respectively, President and Vice President, Business and Finance (also being the Business Manager), of The Ohio State University, hereby certify as to the facts set forth in the above schedule, and that the estimates therein set forth are valid in their best judgment.

  
President

  
Vice President, Business and Finance

The motion to adopt the above resolution as presented by Mr. Allyn was seconded by Mr. Mervin France and was unanimously adopted by roll call vote.

September 14, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

B. Reports from the Finance and Investment Committee (continued)

5. Report on the University's Investment Portfolio

The reports on the University's Investment Portfolio dated July 31, 1965 and August 31, 1965, as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

C. Report from the Chairman - Committee Appointments for 1965-66

The Chairman, Mr. Alan B. Loop, appointed the following-named persons to membership on the Council, Committees, and Board for 1965-66 as indicated below:

Finance and Investment Committee

Stanley C. Allyn, Chairman  
Carlton S. Dargusch, Sr.  
Frederick E. Jones  
James W. Shocknessy

Retirement and Insurance Committee

Jacob E. Davis, Chairman  
John W. Bricker  
John G. Ketterer  
Mervin B. France

Development Fund Board of Directors (One-Year Term)

Jacob E. Davis  
Frederick E. Jones

Research Foundation Board of Directors (Three-Year Term, July 1, 1964 - June 30, 1967)

Stanley C. Allyn

Association of Governing Boards of Universities and Colleges

James W. Shocknessy

Inter-University Council

John W. Bricker

September 14, 1965 meeting, Board of Trustees

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05

President Fawcett presented the following statement and recommendation:

At the July 8, 1965, meeting of this Board I submitted a recommendation in support of a new speakers' rule to be substituted for our present Rule 21.09. This rule had been submitted by the Faculty Advisory Committee and had the support of the Faculty Council and members of the President's Cabinet. Additionally, certain revisions in Rules 21.01, 53.01, 53.09, and 61.05, as submitted by the Faculty Advisory Committee, were recommended. These changes in our rules were not adopted, and in accordance with the existing rules I continued my work with the Committee as I stated I would.

After a careful evaluation of the document presented in July, it is noted there are three changes in the proposed new rules in the new draft which has been distributed to each member of the Board with the unanimous approval of the Faculty Advisory Committee. First, in the first line of Section 2 of Rule 21.09 the word recognized has been added; second, in the fourth line of Section 3 of Rule 21.09 the last word in the fourth line has been changed from may to shall; and, third, in Rule 61.05 the last paragraph under Section 2 has been added. (See pages 170-175 of these minutes.)

These changes are designed to emphasize the need for orderly procedures at meetings for which the University makes some provision for the facilities. I believe that the aforementioned rules are now in order for your consideration, and I recommend their approval. A favorable vote on these rules will clarify our position, place the University on a comparable basis with other distinguished institutions on this subject, and strengthen the University as it continues to strive for excellence. Personally, I believe this recommendation is in the long-range, best interest of the University and, therefore, without repeating my formal recommendation made to you in detail on July 8, 1965, such recommendation is now renewed.

Mr. Stanley C. Allyn presented the following resolution and moved its adoption:

RESOLVED, that Rules for the University Faculty numbered 21.09, 21.01, 53.01, 53.09, and 61.05 be repealed and of no further force and effect as of October 1, 1965.

BE IT FURTHER RESOLVED, coincident with the repeal, that the language proposed by the Faculty Advisory Committee to the President and Board of Trustees as attached hereto (see pages 170-175 of the minutes of this meeting) and made a part of this resolution shall then constitute new Rules 21.09, 21.01, 53.01, 53.09, and 61.05 to be in force and effect as of October 1, 1965.

Mr. Jacob E. Davis seconded the motion that the above resolution be adopted.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

In response to Mr. Shocknessy's request for an explanation of those sections of the rules where changes between rules proposed in the revised document and rules rejected at the July 8, 1965 meeting, President Fawcett explained: "The rules proposed this morning will permit a recognized student organization to invite speakers to the University without prior approval except that of the organization's faculty adviser, thus providing more control by the University. The rules make clear that student organizations which are not fully recognized and qualified under University rules may not invite speakers or reserve facilities for meetings unless recognized authorization is given. Also, Section 3 of Rule 21.09 as revised now provides for certain procedures which must be followed when the appearance of a speaker is attended by extreme emotional feeling."

At the Chairman's request, Section 3 of Rule 21.09 was read. Mr. Shocknessy made the observation that the change from the optional to mandatory character of Section 3 is especially significant.

Mr. Bricker then commented as follows:

I think the rules as revised are a decided improvement over those that were submitted in July, but even with the changes contemplated there will be continuing confusion. I am opposed to passing on any speakers' rule at this time; because, first, the Attorney General of Ohio requested that we not do so until the case before the Federal Court has been decided; second, I do not think the proposed rules should be passed with two trustees absent; and, third, I have expressed my personal beliefs several times regarding the appearance of subversive groups or communist agents on the University campus and I hold firm to these beliefs. These minority groups are not interested in education but rather in using the campus for propaganda and their own special interest. There is an element of civil disobedience not only threatened but also active on the campus, and I am opposed to the Board of Trustees taking any action that might be interpreted as giving in to those who disregard law and order.

The Chairman, Mr. Loop, stated that all members of the Board were informed at the time of the July 8 meeting that the next meeting would be held in Wooster today.

The Chairman called for a roll call vote on the motion to adopt the proposed new Faculty Rules 21.09, 21.01, 53.01, 53.09, and 61.05. Messrs. Allyn, Davis, Shocknessy, and Loop voted affirmatively on the motion; and Messrs. Bricker, Dargusch, and France voted negatively. The Chairman ruled the motion passed.

Before voting, Mr. Shocknessy stated: "It is regrettable that two members of this Board are absent when reconsideration of the July 8 action is proposed. However, my convictions being what they are, and the matter having been placed before us, I have no choice but to vote for the resolution."

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

The newly adopted Faculty Rules are as follows:

21.09. Guest Speakers\*

Section 1. It is the policy of the University to foster a spirit of free inquiry and to encourage the timely discussion of the broad range of issues which concern our nation, provided that the views expressed are stated openly and are subject to critical evaluation. Within our prevailing standards of decency and honesty, this policy shall be construed to mean that no topic or issue is too controversial for intelligent discussion on the campus. Restraints on free inquiry should be held to that minimum which is consistent with preserving an organized society in which change is accomplished by peaceful, democratic means.

Section 2. To this end, a recognized student organization, after consultation with and prior approval of its faculty adviser, may invite guest speakers to the campus to address meetings (see Rule 61.05, Section 3), subject only to the following provisions:

- (a) Sponsorship must be by a recognized student organization.
- (b) Arrangements for the use of University facilities must be made in accordance with Rules 53.09 and 61.05.
- (c) It must be made clear that the student organization, not the University, is extending the invitation and that any views the speaker may express are his own and not those of the University.
- (d) The student organization must take whatever steps are necessary to insure that the meeting is conducted in an orderly manner.
- (e) The student organization must provide means for critical evaluation of the speaker's view, which must include as a minimum, an open question period following the speaker's presentation.
- (f) The student organization must comply with any and all conditions for the orderly and scholarly conduct of the meeting as prescribed by the Faculty Advisory Committee to the President and the Board of Trustees in accordance with Section 3 of this Rule.

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\*Rule initiated by Board of Trustees.



XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

21.09. Guest Speakers\* (continued)

Section 3. In a situation attended by extreme emotional feeling, the Faculty Advisory Committee to the President and the Board of Trustees shall prescribe conditions for the orderly and scholarly conduct of the meeting but may not select the speaker or topic. Such conditions shall include, but are not necessarily limited to; designating a member of the tenured University Faculty as chairman; limiting attendance to students, faculty, and staff; requiring the inclusion of one or more additional speakers at the meeting in question or at a subsequent meeting so that other points of view may be expressed; or requiring a debate format in which the speaker debates with a qualified opponent.

The Committee shall function on its own initiative or at the request of any of the following: the sponsoring student organization, its Faculty Adviser, the Faculty Council, the Council on Student Affairs, the President of the University or his designated representative.

Section 4. A speaker invited by a student organization must not advocate action or urge the audience to take action which is illegal under the laws of the United States, the State of Ohio, or which is prohibited by the rules of the University. It is the responsibility of the student organization to inform speakers in writing of this prohibition.

Section 5. The maximum penalties to be assessed against a student organization for a failure to observe the provisions of Section 2 or for sponsoring a speaker who violates the prohibition of Section 4 of this rule shall be (a) for a single violation (including, as a single violation, multiple violations relating to the same meeting) in any academic year, suspension of the right of the student organization to invite a guest speaker to the campus for a twelve months' period and (b) for more than one violation in any academic year, termination of the student organization's recognized status. Charges that a student organization has violated this rule shall be investigated through a hearing before the Council on Student Affairs, at which the rights of representation, submission of evidence, and the introduction of witnesses shall be granted, and a permanent record be kept if the student organization undertakes to pay the costs of such record. The Council on Student Affairs shall make findings of fact and such recommendations as it may deem appropriate and submit these to the President, who shall have final authority to determine whether the charges have been sustained and to impose appropriate penalty.

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\*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

21.09. Guest Speakers\* (continued)

Students, either as individuals or as members of recognized student organizations, who act in violation of the provisions of this rule shall be subject to the disciplinary procedures and actions outlined in Rule 51.01 and in Section 1 of the Student Handbook of Rules and Regulations, "General Regulations for all Students--Administration of Conduct and Discipline."

Section 6. Faculty and others entitled to sponsor a meeting involving the use of University facilities (see Rule 61.05) shall observe this rule.

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21.01. Academic Freedom and Responsibility\*

Section 1. The Ohio State University favors the fullest academic freedom consistent with its educational program and with national security. It believes that steadfast adherence to the principles of free discussion and investigation, with correlative responsibility, is the cornerstone of such an institution in a free society; that the continued strength of the educational process depends upon an unqualified dedication to our traditional freedoms and the preservation of the moral and intellectual integrity of the teacher. In the United States, in contrast to much of the world where doctrinaire propaganda, officially stated and enforced, is substituted for freedom of individual thought and expression, the molding of the lives of young people outside the family circle is largely entrusted to the church and the school, and this University holds inviolate the essential rights of the teacher. Honesty and objectivity, however, must always be cardinal principles in teaching, and only those who are free in conscience have the right to teach in a university which is founded upon the principle of intellectual integrity.

Section 2. A teacher, regardless of tenure in The Ohio State University, is entitled to freedom of research and publication, of classroom discussion of all matters relevant to the subject matter of his course, and of expression of opinion as a citizen, subject to the obligation to be accurate and to exercise appropriate restraint in accordance with the standards of his learned profession.

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\*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

21.01. Academic Freedom and Responsibility\* (continued)

The teacher's privileges imply correlative responsibilities. In addition to maintaining those standards of competence set forth as minima for his rank, and particularly those relating to scholarship and teaching ability, the teacher also has the obligation to maintain the proper attitude of objectivity, conscientious industry and cooperation with his associates and the University. Further, he has the responsibility to refrain from introducing into his teaching controversial matter unrelated to his subject; and in making public statements, he has the responsibility to make it clear that he is not an institutional spokesman.

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53.01. Organized Activities\*

The Executive Dean for Student Relations shall promulgate rules governing all organized activities (including social functions) which are University connected and in which students or the wives of students participate.

These rules shall include a requirement that each recognized organization shall have an Adviser, selected by the student organization from members of the tenured University Faculty. Exceptions to the requirement that the Adviser be a tenured member of the University Faculty may be made by the Council on Student Affairs. The Adviser in accepting the appointment, agrees to maintain contact with the organization so as to be familiar with its program and personnel. In addition, the Adviser shall be responsible for advising the organization as to its program and personnel, having in mind not only the objectives of the particular group but also the purposes of the University, one of which is to foster a spirit of free inquiry in a setting which provides for open-minded, objective, and critical evaluation of the ideas expressed.

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53.09. Student Use of University Buildings\*

Section 1. University facilities assigned to a student organization shall be used only for the usual activities of such student organization. If a student organization desires to use University facilities, which facilities have been assigned to the organization, for purposes other than its usual activities, it shall request permission for such use from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

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\*Rule initiated by Board of Trustees.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

53.09. Student Use of University Buildings\* (continued)

Section 2. No student, group of students, or student organization may announce a meeting involving the use of University facilities or use University facilities for a meeting, unless permission for such use has been obtained from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

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61.05. University Facilities\*

Section 1. University facilities may be scheduled and used only if the meeting is sponsored by at least one of the following:

- (a) the University,
- (b) an administrative unit of the University,<sup>1</sup>
- (c) the President or a member of his Cabinet,
- (d) a member of the University Faculty,
- (e) a club or committee of University Faculty members, University staff members, or their wives, or
- (f) a recognized student organization (see Rule 53.01).

Unrecognized student organizations are not eligible to reserve University facilities for meetings or for other purposes nor shall University facilities be reserved for the use of unrecognized student organizations by those listed in subsections (a) through (f) of this Section.

Section 2. The Executive Dean for Admissions and Registrations shall be responsible for the scheduling of and shall have the necessary authority to schedule all University facilities. (See Rule 11.1107.) No meeting shall be scheduled in or announced for any University facility unless permission to use the facility has been obtained in advance from the Executive Dean for Admissions and Registrations. All requests for the use of University facilities shall indicate the nature of the proposed meeting. If the proposed meeting is one to which a guest speaker is to be invited, the request for the use of University facilities shall indicate the name of the guest speaker and shall be submitted to the Executive Dean for Admissions and Registrations at least two weeks prior to the date the meeting is to be held, but such two-week period may be waived by the Executive Dean for Admissions and Registrations

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\*Rule initiated by Board of Trustees.

<sup>1</sup>This includes, but is not limited to, the Graduate School, a College, Department, School, Institute, and Bureau.

XII. REPORTS (continued)

D. Revision of "Guest Speakers" Faculty Rule 21.09 and Faculty Rules Related Thereto - 21.01, 53.01, 53.09, and 61.05 (continued)

61.05. University Facilities\* (continued)

if the exigencies of the situation so require and the orderly scheduling of University facilities would not be unduly prejudiced. (See Rule 21.09.)

Section 3. The word "meeting," as used in Rule 21.09, 53.09, and 61.05, means any meeting using University facilities to which the faculty, staff, students, or public is invited, except:

- (a) regularly scheduled University courses,
- (b) conferences approved under University procedures, and
- (c) meetings of state, regional, national, or international organizations approved under University procedures.

Section 4. The responsibility and authority of the Executive Dean for Admissions and Registrations under this Rule may be delegated by him to a member of the University Faculty or of the staff of this University.

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\*Rule initiated by Board of Trustees.

E. Administrative Reports

In a report to the Board of Trustees, President Fawcett emphasized some of the new dimensions in the University's development. Following the President's statement, each member of the President's Cabinet reported briefly on his area of administrative responsibility. It was agreed that time should be provided at subsequent meetings of the Board for reports in depth on the various administrative areas of the University.

The annual Financial Report of The Ohio State University and the Financial Report of The Ohio State University Endowment Funds for the fiscal year ending June 30, 1965, were reviewed briefly by Vice President Carson and he was instructed to mail a copy of each report to members of the Board of Trustees. The Chairman instructed the Secretary to file a copy of each of the above financial reports with the official documents of the Board of Trustees.

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September 14, 1965 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, October 14, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

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John T. Mount  
Secretary

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Alan B. Loop  
Chairman

APPENDIX II

DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

Continuing Education Center Revenue Bonds  
for Center for Tomorrow Project

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## DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

Pursuant to recommendation of the Board of Trustees of The Ohio State University, I, William B. Saxbe, Attorney General, State of Ohio, do hereby appoint Squire, Sanders & Dempsey, Cleveland, Ohio, as special counsel to act as Bond Counsel and Project Counsel to The Ohio State University in connection with the issuance and sale of Continuing Education Center Revenue Bonds which are being issued to finance the Center for Tomorrow project on the campus of the University.

As Bond Counsel said firm shall assist and advise the University in the development of terms and conditions for financing of this project, prepare all necessary documents relating to such financing, including the Bond Resolution, Trust Agreement, temporary and definitive bond forms, public sale proceedings and legal portions of the prospectus, develop the necessary bond transcript, advise the Board of Trustees on the legality of all proceedings and documents relating to such financing, render an opinion as to the legality of the bonds upon their issuance and delivery and such related opinions as may be required, and supervise the program for delivery of and payment for such bonds.

As Project Counsel said firm shall assist the University in negotiations and preparation of or review of any loan agreements, applications and related papers with the Housing and Home Finance Agency or investment bankers, preparation or review of construction or architect's or engineering contracts, or proceedings in connection with the advertising, authorization or execution thereof, title matters relating to the project site, negotiations or preparation of approvals, certifications or other documents required from state officials, services on interim financing, including the rendering of an opinion thereon, and other extensive work in preparation of or review of prospectus or official statement for bidders, or preparation or review of new legislation.

Compensation for services rendered and to be rendered as Bond Counsel hereunder shall be \$1,400 plus (a) 75 cents per \$1,000 of principal amount of Bonds issued, (b) 25 cents for each \$1,000 or principal amount of Bonds issued in excess of \$1,000,000 but not in excess of \$10,000,000, and (c) 50 cents for each \$1,000 principal amount in excess of \$10,000,000; if no bonds are issued, reasonable compensation shall be paid by the University. Reasonable compensation shall be paid for services rendered and to be rendered as Project Counsel, based upon transcript of services as approved by the Attorney General. In addition to such compensation, counsel shall be reimbursed for their actual and necessary expenses including telephone, travel and the like incurred in the performance of their duties as Bond or Project Counsel. Such compensation and reimbursement shall be paid solely from the proceeds of the sale of Continuing Education Center Revenue Bonds or other funds of the University lawfully available for the purpose, or if the University so desires by the purchaser of the bonds as part of the purchase price thereof.

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APPENDIX III

DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

Student Facilities Revenue Bonds

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## DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

Pursuant to recommendation of the Board of Trustees of The Ohio State University, I, William B. Saxbe, Attorney General, State of Ohio, do hereby appoint Squire, Sanders & Dempsey, Cleveland, Ohio, as special counsel to act as Bond Counsel and Project Counsel to The Ohio State University in connection with the issuance and sale of Student Facilities Revenue Bonds which are being issued to finance a Student Health Facility, a Student Services Facility, a General College Union and an Olentangy River Dormitory Union project on the campus of the University.

As Bond Counsel said firm shall assist and advise the University in the development of terms and conditions for financing of this project, prepare all necessary documents relating to such financing, including the Bond Resolution, Trust Agreement, temporary and definitive bond forms, public sale proceedings and legal portions of the prospectus, develop the necessary bond transcript, advise the Board of Trustees on the legality of all proceedings and documents relating to such financing, render an opinion as to the legality of the bonds upon their issuance and delivery and such related opinions as may be required, and supervise the program for delivery of and payment for such bonds.

As Project Counsel said firm shall assist the University in negotiations and preparation of or review of any loan agreements, applications and related papers with the Housing and Home Finance Agency or investment bankers, preparation or review of construction or architect's or engineering contracts, or proceedings in connection with the advertising, authorization or execution thereof, title matters relating to the project site, negotiations or preparation of approvals, certifications or other documents required from state officials, services on interim financing, including the rendering of an opinion thereon, and other extensive work in preparation of or review of prospectus or official statement for bidders, or preparation or review of new legislation.

Compensation for services rendered and to be rendered as Bond Counsel hereunder shall be \$1,400 plus (a) 75 cents per \$1,000 of principal amount of Bonds issued, (b) 25 cents for each \$1,000 or principal amount of Bonds issued in excess of \$1,000,000 but not in excess of \$10,000,000 and (c) 50 cents for each \$1,000 principal amount in excess of \$10,000,000; if no bonds are issued, reasonable compensation shall be paid by the University. Reasonable compensation shall be paid for services rendered and to be rendered as Project Counsel, based upon transcript of services as approved by the Attorney General. In addition to such compensation, counsel shall be reimbursed for their actual and necessary expenses including telephone, travel and the like incurred in the performance of their duties as Bond or Project Counsel. Such compensation and reimbursement shall be paid solely from the proceeds of the sale of Student Facilities Revenue Bonds or other funds of the University lawfully available for the purpose, or if the University so desires by the purchaser of the bonds as part of the purchase price thereof.

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APPENDIX IV

DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

The Ohio State University Hospital Revenue Bonds

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## DESIGNATION OF SPECIAL COUNSEL BY THE ATTORNEY GENERAL

Pursuant to recommendation of the Board of Trustees of The Ohio State University, I, William B. Saxbe, Attorney General, State of Ohio, do hereby appoint Squire, Sanders & Dempsey, Cleveland, Ohio, as special counsel to act as Bond Counsel and Project Counsel to The Ohio State University in connection with the issuance and sale of Hospital Revenue Bonds which are being issued to finance a Hospital Food Facility project on the campus of the University.

As Bond Counsel said firm shall assist and advise the University in the development of terms and conditions for financing of this project, prepare all necessary documents relating to such financing, including the Bond Resolution, Trust Agreement, temporary and definitive bond forms, public sale proceedings and legal portions of the prospectus, develop the necessary bond transcript, advise the Board of Trustees on the legality of all proceedings and documents relating to such financing, render an opinion as to the legality of the bonds upon their issuance and delivery and such related opinions as may be required, and supervise the program for delivery of and payment for such bonds.

As Project Counsel said firm shall assist the University in negotiations and preparation of or review of any loan agreements, applications and related papers with the Housing and Home Finance Agency or investment bankers, preparation or review of construction or architect's or engineering contracts, or proceedings in connection with the advertising, authorization or execution thereof, title matters relating to the project site, negotiations or preparation of approvals, certifications or other documents required from state officials, services on interim financing, including the rendering of an opinion thereon, and other extensive work in preparation of or review of prospectus or official statement for bidders, or preparation or review of new legislation.

Compensation for services rendered and to be rendered as Bond Counsel hereunder shall be \$1,400 plus (a) 75 cents per \$1,000 of principal amount of Bonds issued, (b) 25 cents for each \$1,000 or principal amount of Bonds issued in excess of \$1,000,000 but not in excess of \$10,000,000, and (c) 50 cents for each \$1,000 principal amount in excess of \$10,000,000; if no bonds are issued, reasonable compensation shall be paid by the University. Reasonable compensation shall be paid for services rendered and to be rendered as Project Counsel, based upon transcript of services as approved by the Attorney General. In addition to such compensation, counsel shall be reimbursed for their actual and necessary expenses including telephone, travel and the like incurred in the performance of their duties as Bond or Project Counsel. Such compensation and reimbursement shall be paid solely from the proceeds of the sale of Hospital Revenue Bonds or other funds of the University lawfully available for the purpose, or if the University so desires by the purchaser of the bonds as part of the purchase price thereof.

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APPENDIX V

(Form of Coupon Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY  
DORMITORY REVENUE NOTE, SERIES 1965

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(Form of Coupon Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY  
DORMITORY REVENUE NOTE, SERIES 1965

No. \_\_\_\_\_

\$ \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS that The Ohio State University and its Board of Trustees (herein collectively called the University), for value received, hereby promise to pay, solely from the sources hereinafter set forth, to the bearer on the fifteenth day of September, 1966, the principal sum of

\_\_\_\_\_ DOLLARS

and to pay, solely from said sources, interest thereon from the date hereof at the rate of \_\_\_\_\_ percent ( \_\_\_\_\_ %) per annum until payment of such principal sum has been made or provided for, such interest to the maturity hereof being payable on \_\_\_\_\_, upon the presentation and surrender of the attached interest coupons representing such interest as the same respectively fall due. The interest on this note and the principal hereof are payable in any coin or currency which at the respective dates of payment thereof is legal tender for the payment of public or private debts at the principal office of \_\_\_\_\_. The principal and interest hereof are payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fifth Supplemental Trust Agreement, after providing for reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made to the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes issued pursuant to Section 3345.07 of the Revised Code of Ohio to refund this note; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and this note is not a general obligation of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof.

This note is one of a duly authorized issue of notes in the aggregate principal amount of Three Million Dollars (\$3,000,000) issued for the purpose of refunding a like principal amount of The Ohio State University Dormitory Revenue Notes dated as of September 16, 1963, under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.07 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the \_\_\_\_\_ day of September, 1965.

In consideration of the loan evidenced by this note, the University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of dormitory revenue bonds or notes for the refunding of this note, pursuant to Section 3345.07 of the Revised Code of Ohio, in such principal amount as shall be necessary to pay the principal of and interest on this note, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations

Form of Coupon Note - Dormitory Revenue Note, Series 1965

are established as duties specifically enjoined by law upon the University, its trustees and officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be executed by the facsimile signature of the President of the University, signed by the Vice President, Business and Finance, of the University, a facsimile of the official seal of the University to be imprinted hereon, and the interest coupons hereto attached to bear the facsimile signature of said Vice President, Business and Finance, all as of the fifteenth day of September, 1965.

THE OHIO STATE UNIVERSITY  
and  
THE BOARD OF TRUSTEES OF  
THE OHIO STATE UNIVERSITY

By \_\_\_\_\_  
President of The Ohio State University

(Facsimile Seal)

And By \_\_\_\_\_  
Vice President, Business and Finance  
of The Ohio State University

(Form of Coupons)

No. \_\_\_\_\_ \$ \_\_\_\_\_

On \_\_\_\_\_, The Ohio State University and its Board of Trustees will pay to bearer at the principal office of \_\_\_\_\_, upon the presentation and surrender hereof, the sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) in any coin or currency of the United States of America which at the time of payment is legal tender for the payment of public and private debts, solely from the special sources referred to in, and for the \_\_\_\_\_ interest then due upon its The Ohio State University Dormitory Revenue Note, Series 1965, dated as of September 15, 1965, No. \_\_\_\_\_.

(Facsimile Signature)  
\_\_\_\_\_  
Vice President, Business and Finance  
of The Ohio State University

APPENDIX VI

(Form of Registered Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY  
DORMITORY REVENUE NOTE, SERIES 1965





(Form of Registered Note)

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY  
DORMITORY REVENUE NOTE, SERIES 1965

No. \_\_\_\_\_

\$ \_\_\_\_\_

KNOW ALL MEN BY THESE PRESENTS that The Ohio State University and its Board of Trustees (herein collectively called the University) for value received, hereby promise to pay, solely from the sources hereinafter set forth, to \_\_\_\_\_, or order on the fifteenth day of September, 1966, the principal sum of \_\_\_\_\_

\_\_\_\_\_ DOLLARS

and to pay, solely from said sources, interest thereon from the date hereof at the rate of \_\_\_\_\_ per cent (\_\_\_\_%) per annum until payment of such principal sum has been made or provided for, such interest to maturity hereof being payable on \_\_\_\_\_. The interest on this note and the principal hereof are payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fifth Supplemental Trust Agreement, after providing for reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made to the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes issued pursuant to Section 3345.07 of the Revised Code of Ohio to refund this note; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and this note is not a general obligation of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof.

The interest on this note and the principal hereof are payable in any coin or currency which at the respective dates of payment thereof is legal tender for the payment of public or private debts. The principal is payable on presentation and surrender of this note at the principal office of \_\_\_\_\_ (herein called the "Paying Agent") and interest is payable to the registered owner hereof at such office or by check or draft mailed to the registered owner at his address as it appears on the registration books of the University kept on its behalf by the Paying Agent as note registrar. This note may be transferred only upon books kept for registration and transfer by the Paying Agent, upon surrender of this note at the principal office of the Paying Agent, together with an assignment duly executed by the registered owner or his attorney in form satisfactory to the Paying Agent. The person in whose name this note is registered shall be deemed and regarded as the absolute owner hereof for all purposes, and payment of or on account of the principal and the interest hereon shall be made only upon the order of such registered owner. All such payments shall be valid and effectual to satisfy and discharge the liability upon this note, including interest, to the extent of the sum or sums so paid.

Form of Registered Note - Dormitory Revenue Note, Series 1965

This note is one of a duly authorized issue of notes in the aggregate principal amount of Three Million Dollars (\$3,000,000) issued for the purpose of refunding a like principal amount of The Ohio State University Dormitory Revenue Notes, dated as of September 16, 1963, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.07 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the \_\_\_\_\_ day of September, 1965.

In consideration of the loan evidenced by this note, the University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of dormitory revenue bonds or notes for the refunding of this note, pursuant to Section 3345.07 of the Revised Code of Ohio, in such principal amount as shall be necessary to pay the principal of and interest on this note, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined upon the University, its Trustees and officers, by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be executed on their behalf by the \_\_\_\_\_ and the \_\_\_\_\_ of said University, as of the 15th day of September, 1965.

THE OHIO STATE UNIVERSITY  
and  
THE BOARD OF TRUSTEES OF  
THE OHIO STATE UNIVERSITY

By \_\_\_\_\_

(SEAL)

And By \_\_\_\_\_

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 14, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, October 14, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France, and James W. Shocknessy.

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The Chairman introduced the newly appointed member of the Board of Trustees of The Ohio State University, Dr. Bertram D. Thomas, who was appointed by Governor James A. Rhodes late yesterday (October 13, 1965) to fill the unexpired term of Carlton S. Dargusch, Sr., ending in May, 1970. Mr. Dargusch submitted his letter of resignation to the Governor on October 11, 1965.

Dr. Thomas is President of Battelle Memorial Institute, Columbus, Ohio, and is an internationally known research scientist and administrator. He was recognized for his many professional and civic achievements by The Ohio State University in June, 1963, when he was awarded the honorary Doctor of Science degree.

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Minutes of the last meeting were approved.

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President Fawcett added a cordial expression of welcome to Dr. Thomas as a member of the Board of Trustees. President Fawcett indicated further that Dr. Thomas has accepted an invitation extended in June to give the address at the Autumn Quarter Commencement on December 17, 1965.

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President Fawcett made the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of the "Robert Lazarus Professorship"

President Fawcett expressed great pleasure and gratification in reporting that the members of the family of Mr. Robert Lazarus, Sr. have provided sufficient funds for the establishment of a "Named Professorship" in accordance with the conditions set forth by the Board of Trustees at the January 14, 1965 meeting. The family has requested that the professorship be designated the "Robert Lazarus Professorship," and that it be established in honor of Mr. Robert Lazarus, Sr., with the understanding that the field to which the professorship will be applied is to be selected by Mr. Robert Lazarus, Sr. in consultation with Dr. John Weaver, Vice President for Academic Affairs and Dean of Faculties, subject, of course, to the approval of the Board of Trustees.

It is recommended that the Board of Trustees approve the establishment of the "Robert Lazarus Professorship," in accordance with the conditions set forth above.

Upon motion of Mr. Davis, seconded by Mr. Jones, the Board of Trustees by unanimous roll call vote approved the establishment of the "Robert Lazarus Professorship."

B. Establishment of the Wright State Campus

Pursuant to the enactment of the Amended Substitute Senate Bill 210, the Dayton Campus of Miami University and The Ohio State University will on November 5, 1965, be identified officially as the Wright State Campus. The legislation further stipulates that the Boards of Trustees of Miami University and The Ohio State University shall, in consultation with the Wright State Campus Advisory Committee, do all those things necessary for the creation, proper maintenance, and successful operation of the institution with the goal of developing a state university.

Further, the Boards shall employ, fix the compensation, and remove the professors, teachers, administrative personnel, and such other employees of the Wright State Campus as necessary.

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Wright State Campus (continued)

In compliance with the above referred to legislation, the Presidents of the two universities (Miami and Ohio State) are in the process of selecting an academic leader for the Wright State Campus, subject, of course, to the approval of the governing boards of the two institutions.

It is further recommended that effective November 5, 1965, all documents pertaining to the "Dayton Campus of Miami University and The Ohio State University" be identified with the new name--"Wright State Campus."

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the Board of Trustees approved the above recommendations by unanimous vote.

C. The Ohio State University to Provide Inter-University Services As Requested by the Board of Regents

The Ohio State University in the preservation of its unique role in the fields of advanced graduate education, professional education, and research has a responsibility to serve as a central focus in the development of unusual programs in service to a variety of institutional and public needs. Where appropriate this University should provide leadership in the evolving ventures, such as the proposed Ohio Regional Educational Laboratory authorized under the provisions of Public Law 89-10, Title IV. In support of this philosophy, the Board of Regents on September 17, 1965, adopted the following resolution:

BE IT RESOLVED: that the Ohio Board of Regents hereby requests the Board of Trustees of The Ohio State University to authorize its administrative officials to perform services of an inter-university nature for all publicly assisted institutions of higher education in Ohio as may be requested by the Board of Regents from time to time or as may be requested by the Chancellor of the Board of Regents from time to time, with the understanding that appropriate financial arrangements will be made for the support of such services.

It is recommended that the Board of Trustees authorize the President and such other administrative officials of the University as may be designated by him to perform the services referred to in the above resolution with the understanding that the University will be reimbursed for the services rendered.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous vote.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the September 14, 1965 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointments, Promotions and Changes in Administrative Responsibilities, Leaves of Absence Without Salary, and Emeritus Title:

II. PERSONNEL CHANGES (continued)

A. Appointments

Donald G. Lux, Professor, School of Education, effective October 1, 1965, at a salary of \$13,668.00 per annum.

Tien H. Wu, Professor, Department of Civil Engineering, effective October 1, 1965, at a salary of \$16,368.00 per annum.

B. Promotions and Changes in Administrative Responsibilities

Richard H. Zimmerman from Professor, Department of Mechanical Engineering, to Dean of the General College, effective October 1, 1965, at a salary of \$21,372.00 per annum.

Arthur D. Lynn, Jr. from Associate Dean of the College of Commerce and Administration to Associate Dean of Faculties for Program Development (part time - 80%), Office of Academic Affairs, effective October 1, 1965, at a salary of \$18,000.00 per annum. Dr. Lynn will also hold an appointment as Professor (part time - 20%) in the Department of Economics, at a salary of \$4,476.00 per annum. (He will continue to hold the rank of Associate Dean in the College of Commerce and Administration at No Salary.)

C. Leaves of Absence Without Salary

Clinton L. Warne, Associate Professor, Department of Economics, effective October 1, 1965 through September 30, 1966, to teach at Northwestern University.

Klaus J. Hansen, Instructor, Department of History, effective October 1, 1965 through September 30, 1966, to accept a Visiting Assistant Professorship at Utah State University, Logan, Utah.

Leona Mourad, Instructor, School of Nursing, effective October 1, 1965 through June 30, 1966, to participate in a program of graduate education at The Ohio State University.

D. Emeritus Title

Cedric E. Hesthal, Department of Physics, with the title Associate Professor Emeritus, effective February 1, 1966.

Upon motion of Mr. France, seconded by Mr. Davis, the Appointments, Promotions and Changes in Administrative Responsibilities, Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents of the University.

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### III. GENERAL CONTRACTS AND AGREEMENTS

#### A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it is recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

##### 1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for A Phytochemical Search for Medicinal Constituents (to be known as National Institutes of Health Project No. 865 - Ext. #7 - College of Pharmacy).  
Gross Value - \$20,640.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Psychophysiology of Congenital Retinal Disease (to be known as National Institutes of Health Project No. 992 - Ext. #6 - Institute for Research in Vision).  
Gross Value - \$22,560.00.
- c. Department of the Navy, Office of Naval Research, Washington, D. C. , for Conducting a Course of Instruction in Navy Price Analysis (to be known as Office of Naval Research Project No. 1086 - Amend. #11 - Defense Management Center).  
Gross Value - \$70,000.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Effect of Antimetabolites on the Chick Embryo (to be known as National Institutes of Health Project No. 1168 - Ext. #5 - Department of Poultry Science).  
Gross Value - \$15,037.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for An Investigation of Dental Writing (to be known as National Institutes of Health Project No. 1169 - Ext. #5 - School of Journalism).  
Gross Value - \$22,923.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Pancreatic Hormonal Influence on Gastric Secretion (to be known as National Institutes of Health Project No. 1344 - Ext. #4 - Department of Surgery).  
Gross Value - \$67,351.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for a Cooperative Study of Renovascular Hypertension (to be known as National Institutes of Health Project No. 1346 - Ext. #4 - Department of Surgery).  
Gross Value - \$41,153.00.
- h. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C. , for Improving Competence of Nursing Faculty in Research (to be known as Bureau of State Services Project No. 1384 - Ext. #3 - School of Nursing).  
Gross Value - \$24,000.00.
- i. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for A Phytochemical Study of the Genus Thalictrum (to be known as National Institutes of Health Project No. 1497 - Ext. #3 - College of Pharmacy).  
Gross Value - \$16,453.00.
- j. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Operant Conditioning in Retardates (to be known as National Institutes of Health Project No. 1524 - Ext. #3 - Department of Psychiatry).  
Gross Value - \$16,007.00.
- k. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, for an Investigation of Mixed Aerosol Infections in Monkeys (to be known as U. S. Army Biological Laboratories Project No. 1576 - Mod. #13 - Department of Medicine).  
Gross Value - \$9,000.00.
- l. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C. , for The Nurse-Monitor in a Patient-Care System (to be known as Bureau of State Services Project No. 1651 - Ext. #2 - Engineering Experiment Station).  
Gross Value - \$44,940.00.
- m. Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. , for Perception of Altered Acoustic Stimuli by the Deaf (to be known as Vocational Rehabilitation Administration Project No. 1688 - Change #2 - Department of Speech).  
Gross Value - \$24,000.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- n. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for an Investigation of Multiple Isoenzyme Characterization of Serum, Organs (to be known as Bureau of State Services Project No. 1700 - Ext. #1 - Department of Preventive Medicine).  
Gross Value - \$1,875.00.
- o. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for Research on Separation of Solid Particles from a Swirling Fluid Flow (to be known as Systems Engineering Group, Research and Technology Division Project No. 1766 - C. O. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$20,000.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Factors Controlling Testicular Tissue (to be known as National Institutes of Health Project No. 1786 - Ext. #2 - Department of Dairy Science).  
Gross Value - \$32,548.00.
- q. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Redox Chemistry of Cobalamins (to be known as National Institutes of Health Project No. 1792 - Ext. #1 - Department of Chemistry).  
Gross Value - \$13,110.00.
- r. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Chemo- and Radiotherapy Treatment of Bladder Cancer (to be known as National Institutes of Health Project No. 1806 - Ext. #2 - Department of Surgery).  
Gross Value - \$37,159.00.
- s. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Receptive Fields of Mesencephalon (to be known as National Institutes of Health Project No. 1881 - Ext. #1 - School of Optometry).  
Gross Value - \$10,872.00.
- t. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, for A Research Study at Flight Enthalpies in the Range of Velocity from 10,000 to 60,000 Feet Per Second (to be known as Systems Engineering Group, Research and Technology Division Project No. 1941 - C. O. #1 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$90,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- u. Federal Aviation Agency, Washington, D. C., for Experimental Private Pilot Training Program (to be known as Federal Aviation Agency Project No. 1995 - Mod. #1 - Department of Aviation).  
Gross Value - \$8,904.00.
- v. 2750th Air Base Wing (EWP), Wright-Patterson Air Force Base, Ohio, for Laser System Technology (A 2-Week Course, 9/13/65 - 9/24/65) (to be known as 2750th Air Base Wing Project No. 2066 - New - Department of Electrical Engineering).  
Gross Value - \$7,400.00.
- w. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Bifunctional Catalysis of Hydrogen Exchange (to be known as National Institutes of Health Project No. 2078 - New - Department of Chemistry).  
Gross Value - \$21,108.00.
- x. National Science Foundation, Washington, D. C., The Study of the Mechanism of Electronic Energy Transfer Between Molecules (to be known as National Science Foundation Project No. 2083 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$35,300.00.
- y. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Human Spermatic Vein Steroids (to be known as National Institutes of Health Project No. 2084 - New - Department of Medicine).  
Gross Value - \$14,579.00.
- z. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085 - New - Department of Pharmacology).  
Gross Value - \$49,640.00.
- aa. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Some Aspects of Iron Metabolism (to be known as National Institutes of Health Project No. 2086 - New - Institute of Nutrition and Food Technology).  
Gross Value - \$13,728.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- bb. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Fluid and Protein Shifts with Various Fluid Infusions (to be known as National Institutes of Health Project No. 2087 - New - Department of Surgery).  
Gross Value - \$37,855.00.
- cc. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for Concentration of Chemicals by Floc Forming Organisms (to be known as Bureau of State Services Project No. 2088 - New - Department of Microbiology).  
Gross Value - \$22,900.00.
- dd. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Diffusion Coefficients on Drug Absorption (to be known as National Institutes of Health Project No. 2089 - New - College of Pharmacy).  
Gross Value - \$8,128.00.
- ee. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Polyunsaturated Fatty Acid Interconversions (to be known as National Institutes of Health Project No. 2090 - New - Department of Physiological Chemistry).  
Gross Value - \$18,080.00.
- ff. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., for Driver Sensory Capabilities and Its Effect on Driving Task (to be known as Bureau of State Services Project No. 2091 - New - Department of Industrial Engineering).  
Gross Value - \$49,836.00.
- gg. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Effect of Order on Energy Levels in Sensitizers (to be known as National Institutes of Health Project No. 2092 - New - Department of Physics).  
Gross Value - \$12,861.00.
- hh. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for Effect of Hyperoxia on Normal and Neoplastic Cells (to be known as National Institutes of Health Project No. 2094 - New - Department of Medicine).  
Gross Value - \$7,940.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- ii. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, for an Investigation of Tryptophan Metabolism in Neoplastic Disease (to be known as National Institutes of Health Project No. 2095 - New - Department of Medicine).  
Gross Value - \$13,256.00.
- jj. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Direct Scattering Investigations (to be known as Electronic Systems Division Project No. 2097 - New - Department of Electrical Engineering).  
Gross Value - \$74,986.00.

TOTAL - Government Contracts - Federal \$996,129.00

2. Industrial and Other Contracts

- a. Illuminating Engineering Research Institute, 345 East 47th Street, New York, New York, for Studies of the Illumination Requirements for Roadway Visual Tasks (to be known as Illuminating Engineering Research Institute Project No. 872 - Sup. #8 - Institute for Research in Vision).  
Gross Value - \$1,680.00.
- b. Westreco, Inc., Box 146 Ridgeway Center Building, Stamford, Connecticut, for an Investigation of Carbohydrates of the Coffee Bean (to be known as Westreco, Inc. Project No. 878 - Ext. #9 - Department of Chemistry).  
Gross Value - \$5,766.00.
- c. Illuminating Engineering Research Institute, 345 East 47th Street, New York, New York, for Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885 - Ext. #8 - Institute for Research in Vision).  
Gross Value - \$23,820.00.
- d. American Heart Association, 44 East 23rd Street, New York, New York, Heart Research (to be known as American Heart Association Project No. 1898 - AHA Ltr. 9/2/65 - Department of Physiological Chemistry).  
Gross Value - \$1,000.00.
- e. The Bendix Corporation, Bendix Systems Division, 3300 Plymouth Road, Ann Arbor, Michigan, Problems of U. S. Defense Policy in a World of Nuclear Proliferation (to be known as The Bendix Corporation Project No. 2081 - New - Mershon Center for Education).  
Gross Value - \$23,994.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- f. Organization of American States, Department of Scientific Affairs, Pan American Union, Washington, D. C., Analysis of Census Data Requirements for Human Resources Planning in Latin America (to be known as Organization of American States, Department of Scientific Affairs Project No. 2093 - New - Department of Economics).  
Gross Value - \$1,055.28.
- g. The National Education Association, 1201 - 16th Street, N. W., Washington, D. C., Language Instruction for the Deaf (to be known as The National Education Association Project No. 2096 - New - Department of Speech).  
Gross Value - \$39,889.00.
- h. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Effects of Hypocapnia on Cardiac Performance (to be known as Central Ohio Heart Association Project No. 2098 - New - Department of Physiology).  
Gross Value - \$5,381.25.
- i. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Digitalis Assay in Man (to be known as Central Ohio Heart Association Project No. 2099 - New - Department of Medicine).  
Gross Value - \$7,900.20.
- j. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of the Biochemical Basis for the Myocardial Response to Catecholamines (to be known as Central Ohio Heart Association Project No. 2100 - New - Departments of Medicine and Physiological Chemistry).  
Gross Value - \$10,049.55.
- k. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Mechanism of Antifibrillatory Drug Action on Cardiac Cell Transmembrane and Action Potentials (to be known as Central Ohio Heart Association Project No. 2101 - New - Department of Pharmacology).  
Gross Value - \$8,925.00.
- l. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of Resolution of Unipolar Thoracic Electrocardiograms from Orthogonal Leads (to be known as Central Ohio Heart Association Project No. 2102 - New - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$5,985.00.

October 14, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- m. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, An Experimental Evaluation of Pulmonary Embolectomy (to be known as Central Ohio Heart Association Project No. 2103 - New - Department of Surgery).  
Gross Value - \$8,242.50.
- n. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of Pressure-Flow Relationships of Brain Circulation (to be known as Central Ohio Heart Association Project No. 2104 - New - Department of Medicine).  
Gross Value - \$15,375.15.
- o. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of Right Ventricular Function in Cor Pulmonale (to be known as Central Ohio Heart Association Project No. 2105 - New - Department of Medicine).  
Gross Value - \$6,174.00.
- p. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Influence of Sympathetic Mediators on Susceptibility of Cardiac Arrhythmias (to be known as Central Ohio Heart Association Project No. 2106 - New - Department of Pharmacology).  
Gross Value - \$7,350.00.
- q. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Genetic Studies of Heart Disease (to be known as Central Ohio Heart Association Project No. 2107 - New - Department of Medicine).  
Gross Value - \$8,283.45.
- r. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Staging Procedure in the Correction of Tetralogy of Fallot (to be known as Central Ohio Heart Association Project No. 2108 - New - Department of Surgery).  
Gross Value - \$5,662.34.
- s. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, The Accumulation of Glycogen in the Rat Heart (to be known as Central Ohio Heart Association Project No. 2109 - New - Department of Pathology).  
Gross Value - \$7,350.00.
- t. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, The Effect of Magnesium Deficiency Upon the Storage and Uptake of Catecholamines in the Heart of the Rat (to be known as Central Ohio Heart Association Project No. 2110 - New - Department of Pharmacology).  
Gross Value - \$5,775.00.

October 14, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- u. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Investigation of Blood Catechol Levels During Experimentally Induced Emotion in Man (to be known as Central Ohio Heart Association Project No. 2111 - New - Department of Pharmacology). Gross Value - \$7,266.00.
- v. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Comparison of Characteristics of Subcutaneous Connective Tissue with Severity of Atherosclerosis (to be known as Central Ohio Heart Association Project No. 2112 - New - Department of Physiology). Gross Value - \$6,352.50.
- w. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Behavior of Vascular Strips in Vitro: Response of Cerebral Artery Strips to Pharmacologic Agents (to be known as Central Ohio Heart Association Project No. 2113 - New - Department of Surgery). Gross Value - \$8,400.00.
- x. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Electrophysiological Investigations of Atrial Excitation (to be known as Central Ohio Heart Association Project No. 2114 - New - Department of Veterinary Physiology and Pharmacology). Gross Value - \$3,255.00.

TOTAL - Industrial and Other Contracts \$224,931.22

The foregoing sixty contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,221,060.22.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

During the period from August 27, 1965 through September 30, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

October 14, 1965 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

1. Government Research Contracts

EES 272      Comparative Evaluation of Amber-Red Taillight System  
and the Conventional System, Ohio Department of High-  
ways, Columbus, Ohio, Bureau of Public Roads, Wash-  
ington, D. C.  
Gross Value - \$32,500.00.

SC 50        O. C. D. Architectural and Engineering Professional  
Development Courses, Office of Civil Defense, Depart-  
ment of the Army, Washington, D. C.  
Gross Value - \$14,390.00.

TOTAL - Government Research Contracts \$46,890.00

2. Industrial Research Contracts

EES 243      A Study of Brake Lining Characteristics to Develop Quality  
Ext. #3      Control Tests, The Ford Motor Company, Ford Division,  
Dearborn, Michigan.  
Gross Value - \$31,800.00.

EES 270      Research in the Evaluation of Ball Clay Materials,  
Charles Pfizer and Company, Incorporated, New York,  
New York.  
Gross Value - \$4,362.00.

EES 271      Structural Dampening in Composite Panels, American  
Institute of Steel Construction, Incorporated, New York,  
New York.  
Gross Value - \$1,800.00.

TOTAL - Industrial Research Contracts \$37,962.00

The foregoing five contracts for research in the Engineering Experiment  
Station represent a gross income of \$84,852.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since  
September 14, 1965, and are hereby reported for the record. Appropriate ex-  
pressions of appreciation have been conveyed to the donors.



IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$125,016.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Division of Nursing, Washington, D. C. 20201, to the University for "Public Health Service Traineeship Grant," under the direction of Professor Mildred E. Newton, School of Nursing, for the period September 1, 1965 through August 31, 1966. (Grant NT-29-C9)
2. \$14,864.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cancer Training," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period September 1, 1965 through June 30, 1966. (Grant T2 CA 469-19)

TOTAL - Through the Office of Business and Finance \$139,880.00

B. Received Through the Development Fund

1. \$100,470.00 in cash and securities from the family of Mr. Robert Lazarus, Sr. for the establishment of the following Fund within the University's Endowment Fund.

The Robert Lazarus Professorship

The Robert Lazarus Professorship was established September 20, 1965, by gifts through the Development Fund from Mrs. Robert Lazarus, Mr. and Mrs. Robert Lazarus, Jr., Dr. and Mrs. Howard D. Sirak, Mr. and Mrs. Richard Witkind, Mr. and Mrs. Junius Hoffman, Mr. and Mrs. Fred Lazarus, Jr., Mr. and Mrs. Jeffrey L. Lazarus, Mr. and Mrs. Ralph Lazarus, and Mr. and Mrs. Charles Y. Lazarus in honor of the seventy-fifth birthday of Robert Lazarus.

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used to support a professorship at The Ohio State University.

2. \$14,000.00 from Ohio Lions Eye Research Foundation, Columbus, Ohio-- \$10,000.00 for Ohio Lions Club Blindness Research and \$4,000.00 for the Institute for Research in Vision.
3. \$10,050.00 from Union Carbide Corporation--\$3,550.00 for the Union Carbide Corporation Fellowship in Chemical Engineering, \$3,000.00 for the Union Carbide Corporation Fund for Mechanical Engineering, and \$3,500.00 for the Union Carbide Corporation Fellowship - Welding Engineering.

October 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

4. \$10,000.00 from The Friedman Foundation to be added to the fund for the construction of a new residence for the President.
5. \$8,510.00 from the Estate of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
6. \$7,800.00 from United States Steel Foundation, Inc. for the United States Steel Foundation Fellowship Fund.
7. \$6,330.00 from Owens-Illinois Glass Company, Toledo, Ohio, for undergraduate scholarships.
8. \$5,000.00 from Sears Roebuck Foundation, Chicago, Illinois, for undergraduate scholarships.
9. \$5,000.00 from The F. & R. Lazarus and Company to be added to the James E. Hagerty Chair Fund.
10. \$5,000.00 from The National Machinery Foundation, Tiffin, Ohio, to be added to the fund for the construction of a new residence for the President.
11. \$5,000.00 from The General Electric Foundation, Ossining, New York, for the 1965-66 Graduate Research and Study Grant in Chemistry.
12. \$4,900.00 from State Farm Mutual Automobile Insurance Company for the State Farm Mutual Automobile Insurance Company Fund.
13. \$4,780.00 from Shell Companies Foundation for the Shell Companies Foundation Fellowship Fund in Chemical Engineering.
14. \$4,645.00 from American Oil Foundation for the American Oil Foundation Fellowship Fund.
15. \$4,500.00 from Kennecott Copper Corporation for the Kennecott Copper Corporation Fellowship in Metallurgical Engineering.
16. \$4,000.00 from The Gluck Educational Foundation, Inc. and Arthur and Flora Gluck for the establishment of two funds--\$2,000.00 for The Gluck Grandchildren Fund and \$2,000.00 for The Helen Gluck Fund.

The Gluck Grandchildren Fund

The Gluck Grandchildren Fund was established September 23, 1965, by a gift through the Development Fund from The Gluck Educational Foundation, Inc. and Arthur Gluck and Flora Gluck to honor their grandchildren Deborah Zeidman, Barry Zeidman, Josiah Gluck, Theodore Gluck, and Sebastian Gluck.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

16. The Gluck Grandchildren Fund (continued)

The principal is to be invested in accordance with Section 3345.16 G. C.

The income may be used to aid a graduate student of medicine who has successfully completed the general examinations toward the Ph.D., Sc.D., or an equivalent terminal degree and has selected a research project in the field of hypertension. The income may be used along with other monies available to supplement a stipend or a research project in the aforementioned field.

The income is to be awarded only for basic research (not for applied technology or for a clinical project) in the College of Medicine. The appointment of the recipient of this money is to be made by Dwight M. Palmer, M.D., the Director of the Division of Neurology in consultation with Dr. Richard L. Meiling, Dean of the College of Medicine.

In the event the need for this income in the area stipulated should cease to exist or so diminish as to create unused income, then the Board of Trustees may use said income in its discretion, preference to be given, however, to basic work in the field of medicine but not to any applied technology.

The Helen Gluck Fund

The Helen Gluck Fund was established September 23, 1965, by a gift through the Development Fund from The Gluck Educational Foundation, Inc. and Arthur Gluck and Flora Gluck to honor Helen Gluck.

The principal is to be invested in accordance with Section 3345.16 G. C.

The income may be used to aid a graduate student of medicine who has successfully completed the general examinations toward the Ph.D., Sc.D., or an equivalent terminal degree and has selected a research project in the field of hypertension. The income may be used along with other monies available to supplement a stipend or a research project in the aforementioned field.

The income is to be awarded only for basic research (not for applied technology or for a clinical project) in the College of Medicine. The appointment of the recipient of this money is to be made by Dwight M. Palmer, M.D., the Director of the Division of Neurology in consultation with Dr. Richard L. Meiling, Dean of the College of Medicine.

In the event the need for this income in the area stipulated should cease to exist or so diminish as to create unused income, then the Board of Trustees may use said income in its discretion, preference to be given, however, to basic work in the field of medicine but not for any applied technology.

October 14, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. \$3,875.00 from International Business Machines Corporation for the International Business Machines Corporation Fellowship Fund.
18. \$3,000.00 from Allied Chemical Corporation for the Allied Chemical Corporation Fellowship Fund.
19. \$2,000.00 from Mr. Mervin B. France to be added to the fund for the construction of a new residence for the President.
20. \$1,720.00 from Hoffman-LaRoche, Inc. for the John N. Teteris Research Fund.
21. \$1,500.00 from Ayerst Laboratories for the Ayerst Laboratories Fund.
22. \$1,000.00 from the American Optical Company for the Optometric Development Fund.

TOTAL - Received Through the Development Fund \$213,580.00

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the acceptance of the above grants and gifts was approved by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

In August, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	630	\$ 73,130.41
Individuals other than alumni	39	1,846.99
Nonprofit organizations	25	73,081.73
Business concerns	22	46,670.25
	<u>716</u>	<u>\$194,729.38</u>

Of these gifts, 517 totaling \$5,622.10 were undesignated and 199 totaling \$189,107.28 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriations for Research Projects

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that the following amounts be appropriated from the University Treasurer Research Subaccounts as designated:

October 14, 1965 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Appropriations for Research Projects (continued)

\$8,200.00 to the College of Agriculture and Home Economics for the preparation of space in the Botany and Zoology Building for research in population genetics	Subaccount (b)
\$6,500.00 to the Graduate School for publication costs of scholarly publications	Subaccount (f)

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

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VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

At the request of the Vice President for Business and Finance, it is recommended that the Extra and Credit Orders and Extensions of Time for Completion of Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Taylor Tower	\$ 1,402.00
2. Ohio Union - West Terrace Dining Room Expansion	1,598.00
3. Modernization of Commerce and Administration Facilities, Page and Hagerty Halls	7,124.70
4. Garage, Phase I	735.70
5. Pharmacy Building	5,154.48
6. Lima Campus, General Academic Facility	1,039.43
7. Chemical Research Facilities	1,057.00
8. Van de Graaff Accelerator, Addition to Evans Laboratory	2,100.00
9. Installation of New Heating Boiler to Carry Medical Center Load	3,616.00
10. Engineering Classrooms and Laboratories	19,185.00
Total	<u>\$43,012.31</u>

B. Credit Orders to Contracts

1. Houck House	\$ 1,852.00
2. Nosker and Archer Houses	2,775.00
3. Repairs and Improvements to Ohio Stadium Press Box	2,487.00
Total	<u>\$ 7,114.00</u>

C. Extensions of Time for Completion of Contracts

1. Antenna Laboratory, Control Facility at Saucer Laboratory	3 weeks
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October 14, 1965 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS  
(continued)

C. Extensions of Time for Completion of Contracts (continued)

2. Materials Engineering and Science Building  
(Renovation of Chemical Abstracts Building) 6 weeks

Upon motion of Mr. Shocknessy, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

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VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it is recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Dodd Hall - Entrance Repairs

This project provides a sheltered entrance to protect patients in wheel chairs and on crutches from the weather when entering or leaving the hospital.

Funds for this project are provided from the University Hospital Rotary.

B. Hamilton Hall - Repairs to Rooms 200 and 201

This provides office and laboratory space for two research people.

Funds for this project will be provided from Budget Account 121658.

C. Hamilton Hall - Repairs to Rooms 107, 114, 115-A, 115-B, 204-A, and 214-A

Provision of space for two new faculty members and additional space for several members on the present faculty and development of an advanced research-spectroscopy laboratory complex.

Funds for this project will be provided from Budget Account 960200.

Upon motion of Mr. France, seconded by Mr. Jones, the above recommendation was approved by unanimous vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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October 14, 1965 meeting, Board of Trustees

### VIII. REPORT OF AWARD OF CONTRACTS

It is recommended that the award of contracts without further competitive bidding for the following project be approved by the Board of Trustees:

#### A. Construction of Curl Drive

In order to expedite the completion of this project from Peasley Street to Neil Avenue, the contractors for the original project have agreed to furnish additional work for a price based on the same unit cost as their original contracts. The State Controlling Board authorized this award without further competitive bidding on October 7, 1965.

##### General Contract

N. J. LeCrone (Columbus)	<u>Add</u>	\$50,745.60
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##### Electrical Contract

Gustav Hirsch Organization, Inc. (Columbus)	<u>Add</u>	7,230.00
Total		<u>\$57,975.60</u>

Funds are available for this work in Item 033, H. B. 202 and Budget Account 921300.

Upon motion of Mr. France, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

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### IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 5 Approves the acquisition of property and buildings located at 107 West Eleventh Avenue.
- 6 Transfers \$711,066.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 017 Dayton Branch, H. B. 949, to provide funds for movable equipment and contingency.
- 7 Transfers \$228,936.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 018 Plans and Buildings for Lima Branch, H. B. 949, to provide funds for movable equipment and contingency.
- 8 Transfers \$250,122.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 019 Plans and Buildings for Mansfield Branch, H. B. 949, to provide funds for movable equipment and contingency.
- 9 Transfers \$378,544.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 007 Engineering Classrooms and Laboratories, H. B. 949, to provide funds for movable equipment and contingency.

IX. CONTROLLING BOARD APPROVALS (continued)

- 10 Transfers \$81,884.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 010 Chemistry Research Facilities, H. B. 949, to provide funds for movable equipment and contingency.
- 11 Transfers \$281,627.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 014 Pharmacy Building, H. B. 949, to provide funds for movable equipment.
- 12 Transfers \$30,640.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 016 College of Medicine - Plans (Medical Center Boiler), H. B. 949, to provide funds for contingency.
- 13 Transfers \$52,865.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 021 Modernization of Orton Hall and Mendenhall Laboratory, H. B. 949, to provide funds for movable equipment and contingency.
- 14 Transfers \$25,709.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 024 Modernization of Commerce and Administration Buildings, H. B. 949, to provide funds for movable equipment and contingency.
- 15 Transfers \$7,876.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 030 Utility Services Extension, H. B. 949, to provide funds for contingency.
- 17 Transfers \$7,024.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 025 Olentangy River Improvement, H. B. 949, for contingency for channel clearance.
- 18 Transfers \$7,251.00 from Item 035 Equipment and Improvements, H. B. 949, to Item 029 Pulsed Van de Graaff Accelerator Facility, H. B. 949, to provide funds for movable equipment and contingency.
- 19 Transfers \$177,000.00 from Item 032 Humanities Center, H. B. 949, to a new account, Item 036, Main Library Improvements, H. B. 949, releases this amount and authorizes construction without competitive bidding by force account.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Water Line Easement - City of Lima, Ohio

The City of Lima has requested an easement for the construction, maintenance, and service of a water line to serve the Branch Campus at Lima.

It is recommended that the Vice President for Business and Finance be authorized to execute a water line easement with the City of Lima, Ohio, on behalf of the Board of Trustees.

Upon motion of Mr. Ketterer, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.



X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Employment of Architects - Dayton Campus, Phase IV  
(Science Building No. 2)

It is recommended that the architectural firm of Lorenz and Williams be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be computed on the basis of 6 per cent of the first \$1,000,000.00, 5 1/2 per cent of the second \$1,000,000.00, and 5 per cent of all over \$2,000,000.00 of the construction cost or an estimated \$132,500.00. Funds will be provided from Item 002, H. B. 949.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

C. Supplement to Engineer's Contract - Construction of Curl Drive

Jones, Stuckey and Barrett, Engineers, were employed in November, 1964, for engineering services to include construction drawings for this project but preparation of specifications and supervision for the section between College Road and Peasley Street only.

It is now recommended that their contract be amended to provide the final specifications and field supervision of construction for that portion of the project for Curl Drive from Peasley Street to Neil Avenue.

The fee for this service will be \$1,460.00 payable from Item 033, H. B. 202.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

D. Revised Engineering Services - Jones Tower

The Board of Trustees at their January, 1963, meeting approved the employment of W. E. Monks to perform complete engineering services for the Mechanical and Electrical Divisions of this project. Since this building was to be similar in most respects to Drackett and Taylor Towers, the fee was 2.125 per cent of the cost of the mechanical and electrical work.

The plans for Jones Tower have now been revised, and it is therefore recommended that the action of the Board in respect to the employment of W. E. Monks be voided and that a contract be prepared for this firm to provide complete professional engineering services for the heating, ventilating, and air conditioning; plumbing and electrical work; including design, preparation of drawings, specifications, and estimate of cost; and complete field supervision of construction. The fee should be calculated at 5 per cent of the cost of the mechanical and electrical work and funds will be provided from the Dormitory Construction Fund.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

E. Purchase of Buildings and Property - 70 West Tenth Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from the estate of Lena O'Neil at a price of \$17,000.00:

Property known as 70 West Tenth Avenue, being  
Lot #29, College Place Addition, City of Columbus,  
County of Franklin, State of Ohio.

Funds are available in the University Treasurer General Fund.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

F. Special Policeman Commission

At the request of the Vice President for Business and Finance, it is recommended that Elden Winfield Lawson be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Lawson, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

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XI. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Clyde Tucker Morris, Professor Emeritus in the Department of Civil Engineering. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board has been furnished the family of the deceased.

A. Clyde Tucker Morris

The Board of Trustees expresses its sorrow at the death on August 25, 1965, of Clyde Tucker Morris, Professor Emeritus of Civil Engineering.

Clyde Tucker Morris was born in Morrow County, Ohio, on April 19, 1877. He was graduated from North High School in Columbus, Ohio, in 1894. He received the Civil Engineer degree from The Ohio State University in 1898. From the time of his graduation until 1906, he served in various engineering positions with steel bridge fabricators in the State of Ohio and the State of Washington.

October 14, 1965 meeting, Board of Trustees

XI. RESOLUTION IN MEMORIAM

A. Clyde Tucker Morris (continued)

Mr. Morris joined the Department of Civil Engineering at The Ohio State University as an Associate Professor in 1906 and was promoted to Professor in 1908. He served as Chairman of the Department from 1937 to 1947.

Clyde T. Morris was the author of several textbooks and of many technical papers and publications. He revised the textbook, Stresses in Structures, after the death of the original author, A. H. Heller. He was the author of the textbook, Simple Steel Structures, and he was co-author with S. T. Carpenter of the text, Structural Frameworks. Professor Morris was active in research and co-authored several of The Ohio State University Engineering Station Bulletins (Nos. 37, 40, 48, and 66).

Professor Morris was recognized as an authority on bridge and building structures and was a consulting or construction engineer on many structures including: Lower Arch Bridge, Niagara Falls; Dresden Suspension Bridge, Ohio River Suspension Bridge, Point Pleasant; American Insurance Union Building, Columbus, Ohio (now the LeVeque-Lincoln Tower); and The Ohio State University Stadium. He served as Chief Engineer of Bridges for the State of Ohio, 1911-12; and as Chairman of the Board of Inquiry, the Ohio Department of Highways, 1937-38. After his retirement in 1947, he continued his work as a consultant on building bridges to the City of Dayton, Ohio, and to the City of Long Beach, California.

Professor Morris was a member of Acacia, Triangle, Sigma Xi, Tau Beta Pi, and Chi Epsilon Fraternities. He also held membership in the following professional societies: American Society of Civil Engineers, American Concrete Institute, American Society of Engineering Education, American Railway Engineering Association, Engineers Club of Columbus, Ohio, and Ohio Society of Professional Engineers. He was very active on numerous national committees of both the ASCE and AREA and served as a Director of the American Society of Civil Engineers, 1929-32.

After his retirement, he was awarded an Honorary Doctor of Science degree by The Ohio State University in 1952.

The engineering profession has lost a most enthusiastic member and a strong exponent of education and research.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It is directed that this resolution be inscribed upon the minutes of the Board of Trustees.

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## XII. REPORTS

### A. Critical Need for Expanding University Library Facilities

President Fawcett advised the Board that on several occasions he had reported the critical need for the expansion of library facilities and that the project to double the reading space in the Main Library will be completed in early November, 1965. President Fawcett further advised the Board that every effort to find solutions to the library problems of the University is being made and that the appropriate University officers have been requested to take the necessary steps to establish a Library Project account for the University for the purpose of receiving funds which may become available from State and Federal grants and other sources. Hopefully, this account will provide the necessary funds for the construction of additional space for an undergraduate library, a graduate research library, or a new facility to meet both of these pressing needs. In concluding, President Fawcett reminded the Board that the number of volumes in the University libraries increased from 1,198,757 in 1956-57 to 1,748,943 in 1964-65 and that the University ranks fifteenth among the major universities of the country in the number of library holdings.

### B. Report on the University Club House Facilities at the University Golf Course

Mr. Frederick E. Jones, at the request of Chairman Loop, reported that he had investigated the condition of the Club House at the University Golf Course. He stated that the Club House is in very poor condition, and that it is the observation of many that it is a disgrace to the University. President Fawcett agreed that the Club House facilities needed improvement and that the appropriate agency of the University to consider such improvements and to develop recommendations is the University Athletic Council. No action was taken on the report.

### C. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated September 30, 1965, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

### D. Administrative Reports

Dr. John T. Bonner, Jr., Executive Dean for Student Relations, presented an illustrated report showing the scope of the operations in the Student Relations Division. The charts and graphs which he used illustrated the growth of this area since he was named Executive Dean for Student Relations four years ago.

Dr. Alfred B. Garrett, Vice President for Research, gave an illustrated presentation showing a number of "scholars" on The Ohio State University campus who are engaged in research. His presentation included a series of colored slides showing the researchers at work together with a description of their research.

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October 14, 1965 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, November 11, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

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John T. Mount  
Secretary

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Alan B. Loop  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 11, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, November 11, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, John G. Ketterer, Mervin B. France, and James W. Shocknessy.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Don Scott Field Master Plan

The official master plan for Don Scott Field, as approved by the Board of Trustees on May 17, 1963, contemplated the construction of a control tower as a part of a proposed new Administration - Terminal Building. The Federal Aviation Agency, which will operate and finance the construction of an air traffic control tower, requests a separate location farther east along the south side of the field. This new location is acceptable to the University, and the accompanying master plan maps have been revised accordingly.

It is recommended that the attached six maps identified as "Master Plan for Don Scott Field," all dated November 11, 1965, be approved.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous vote, and the Secretary was instructed to file the six accompanying maps with the official records of the Board of Trustees.

B. Revision of Admission Policies for College of Law

The College of Law of The Ohio State University has not established a limitation on the number of students admitted to the first-year class. The number of qualified students admitted and enrolled in the first-year class for Autumn Quarter 1965 is 281 and the total number of students enrolled in the College of Law is 514 students--an increase of 100 over the preceding year. More than 300 persons have already requested an application for admission to the College of Law for the Autumn Quarter 1966. It is therefore obvious that unless some limitation is established on the number to be admitted to the first-year class of the College of Law, the total number of students in Law will exceed the capacity of the building which was planned for a maximum enrollment of 700. It should be noted also that while there is classroom space for 700 students in the Law Building, more faculty offices, additional library space, and equipment will be required for this maximum number.

President Fawcett indicated his support of the recommendation of the Dean of the College of Law, with the concurrence of the Vice President for Academic Affairs, that the Board of Trustees approve the establishment of a limitation on the number (not to exceed 260) to be admitted annually to the College of Law. This limitation should provide for an orderly growth commensurate with the availability of faculty, classrooms, library, and office space.

It is further recommended that those admission criteria commonly employed by other first-rate Colleges of Law in the Nation be utilized in the selection of the best qualified candidates for admission.



I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Admission Policies for College of Law (continued)

To provide for more orderly procedures and effective planning, it is also recommended that the deadline for receiving applications for the College of Law be set at May 1, and that a deposit of \$50.00 be required of all students admitted to the College of Law to be paid within two weeks after notification of approval for admission to the College. As in the case of other professional colleges of the University, the \$50.00 will be applied to the student's first quarter fees when he enrolls. If the applicant cancels his admission, the \$50.00 will be refunded if requested by the applicant on or before the date properly established and announced by the College.

The above recommendations are to become effective for the class entering Autumn Quarter 1966.

Upon motion of Mr. Shocknessy, seconded by Mr. France, the Board of Trustees by unanimous roll call vote approved the above recommendation.

C. Rules Governing Residency Status

Since the disbursement of subsidy appropriations for students enrolled in the Branch Campuses of the State-assisted universities is based upon the number of full-time equivalent resident students enrolled, the Ohio Board of Regents after consultation with the appropriate administrative officers of the State-assisted universities has promulgated rules governing the definition of an "Ohio resident" student. The rules governing the residency status of students as adopted by the Board of Regents are comparable, with minor exceptions, to those rules adopted by the Board of Trustees of The Ohio State University at its meeting on April 8, 1957.

It is therefore recommended that for the purpose of clarification and consistency in the administration of residency rules, the Board of Trustees approve the following rules governing the residency status of students enrolled in The Ohio State University:

1. Rule as to nonresident fees. Every student who is not a resident, as defined below, of the State of Ohio, is required to pay nonresident tuition fees in addition to other University fees.
2. Registration. The burden of registering under proper residence is placed upon the student. If there is any question as to residence, the matter should be brought to the attention of the Registrar and passed upon prior to original enrollment.
3. General policy. The status of a student as a resident or a nonresident of the State of Ohio will be determined as of his original enrollment at The Ohio State University. In general, that status will remain the same throughout his attendance at the University, although such status may be reviewed upon petition. In those cases where there has been a break in a student's attendance at the University, the beginning of the

I. GENERAL RECOMMENDATIONS (continued)

C. Rules Governing Residency Status (continued)

last enrollment may be considered by the Registrar as the student's "original enrollment" for the purpose of residence determination. Two basic conditions must exist for Ohio residency: first, it is necessary that the adult student or the parents or guardian of a minor student have been in the State a minimum period of one year prior to the original enrollment; and second, that there is an evident present intent to remain in the State indefinitely.

4. Definitions. An "Ohio resident" is a student subject to the following requirements:
  - a. an adult student, 21 years of age or older, is considered to be an Ohio resident if he has resided in the State for a minimum of twelve consecutive months preceding the date of enrollment and if he has an evident present intent to remain in the State indefinitely, provided that his residence in Ohio has not been for the purpose of attending a college or university.
  - b. a minor student is considered to be an Ohio resident if his parents or his legal guardian have resided in the State for a minimum of twelve consecutive months preceding the student's enrollment and if the parents' or guardian's residence during that year has been maintained with the evident intent to remain in the State indefinitely, provided that such action has not been taken for the purpose of gaining residence status for the minor student.
  - c. for the purpose of determining residence requirements under these rules, a person will be considered a minor until he has reached his twenty-first birthday even though such person may have been emancipated. Married minors, however, are entitled to establish and maintain their own residency pursuant to Section 4-a.
  - d. the residency of a married woman is determined by the rules which would apply to her husband if he would seek enrollment; except that a woman who is enrolled as an Ohio resident may continue to be considered an Ohio resident upon marrying a nonresident, provided her enrollment is continuous and she continues to live in the State of Ohio.

November 11, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Rules Governing Residency Status (continued)

- e. a woman who is legally separated from her husband may establish her own residency pursuant to Section 4-a.
- f. the residency of any student may be re-evaluated for each term of re-enrollment. At such time, any student who has not been classified as an Ohio resident, and requests to be so classified, must prove that he has met requirements for Ohio residency as stated in these rules.
- g. a student who has been classified as an Ohio resident shall be considered to have lost his residency in this State twelve consecutive months after he, or in the case of a minor, his parents or legal guardian move to another state with the intention of remaining there and making such state their place of residence, notwithstanding the fact that he or they may entertain an intention to return at some future period.
- h. aliens admitted to this country on immigrant visas may establish Ohio residence in the same manner as any other nonresident.
- i. service men and women who enter the service from another state and their dependent children shall be classified as Ohio residents during the period of their active duty assignment in Ohio.

The above rules conform with the Ohio Board of Regents' Rule No. 2 as amended July 16, 1965, and have been developed in consultation with special counsel assigned by the Attorney General of Ohio.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the Board of Trustees approved the above recommendation by unanimous vote.

D. Naming of Buildings - River Tower Dormitories

It is recommended that the two residence halls now being erected at the temporary construction address of 1800 Stadium Dormitory Road and currently identified as "River Tower Dormitories" be named "Abraham Lincoln Tower" in memory of President Abraham Lincoln and "Justin S. Morrill Tower" in memory of The Honorable Justin S. Morrill of Vermont. Permanent street addresses have not yet been determined. The building to the south would be "Abraham Lincoln Tower" and the one to the north, "Justin S. Morrill Tower."

I. GENERAL RECOMMENDATIONS (continued)

D. Naming of Buildings - River Tower Dormitories (continued)

Representative Morrill played a leading role in the passage of the Land Grant college bill (Morrill Act) by Congress, which provided for grants of public lands to the states for the financing of colleges. President Lincoln signed the act on July 2, 1862. The Ohio State University was established as a result of that legislation.

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees. It is hereby recommended for your approval.

Upon motion of Mr. Bricker, seconded by Mr. Allyn, the Board of Trustees by unanimous vote approved the naming of the buildings indicated above.

E. Naming of Buildings - Engineering Complex

Upon the proposal of Mr. Frederick Stecker, Executive Director for University Relations, after consultation with Dean Harold A. Bolz, College of Engineering, and with the concurrence of the President's Cabinet, it is recommended that the facilities now under construction or being converted for use by the College of Engineering be identified as follows:

- (1) That the building now identified as the "Materials Engineering and Science Building," located at 105 West Woodruff Avenue (east door) and 109 West Woodruff Avenue (west door), be named "MacQuigg Laboratory" in honor of the late Charles E. MacQuigg, who served as Dean of the College of Engineering for fifteen years beginning in 1937. Dean MacQuigg was a metallurgist with interests in the field of materials and minerals, and inasmuch as this building will consist primarily of laboratories related to this area, the name seems particularly appropriate.
- (2) That the former Chemical Abstracts Building located at 2041 North College Road, now being remodeled, be named "Watts Hall." This name would honor the late Arthur S. Watts, who served with distinction as Professor and Chairman of the Department of Ceramic Engineering for thirty-one years until his retirement in 1946. This name is deemed appropriate since this building will house the departmental offices of the Department of Ceramic Engineering.
- (3) That the west end of the present Chemical Engineering Building be named "The Chemical Engineering Building." This structure, which is located at 140 West 19th Avenue, will be occupied by the Department of Chemical Engineering.

I. GENERAL RECOMMENDATIONS (continued)

E. Naming of Buildings - Engineering Complex (continued)

- (4) That the east end of the present Chemical Engineering Building be named "The Metallurgical Engineering Building." This structure, which is located at 116 West 19th Avenue, will be occupied by the Department of Metallurgical Engineering.

Upon motion of Mr. Ketterer, seconded by Mr. France, the Board of Trustees by unanimous vote approved the naming of the buildings indicated above.

F. Adoption of an Official Shield for the College of Medicine and for the Medical Society of the University Hospitals

The faculty of the College of Medicine and the Medical Society of The Ohio State University Hospitals have proposed that individual shields be adopted for the College of Medicine and the Medical Society. Dean Richard L. Meiling advises that most of the universities of the United States have a "coat of arms" for their Colleges of Medicine and the Medical Societies of their hospitals.

It is therefore recommended that the Board of Trustees approve the proposed shields as they have been submitted by the Dean of the College of Medicine and further that the original copy of such shields be filed with the official records of the University.

Upon motion of Mr. Shocknessy, seconded by Mr. France, the Board of Trustees approved the above recommendations by unanimous vote.

G. Transfer of Lakewood Branch Campus to Cleveland State University

At its regular meeting on March 15, 1962, this Board of Trustees established a branch campus of The Ohio State University at Lakewood, Ohio. Since the announcement of the establishment of Cleveland State University, appropriate officers of The Ohio State University and of Cleveland State University have been working toward the development of an agreement transferring responsibility for the Lakewood Branch to Cleveland State University. Agreement has now been reached between officers of the two universities on a plan for the transfer of students, records, faculty, and non-professional staff from the Lakewood Branch to Cleveland State University with The Ohio State University withdrawing from the Lakewood Branch on June 30, 1966.

It is recommended that the President be authorized to sign an appropriate agreement with Cleveland State University to accomplish the transfer of the Lakewood Branch and that such an agreement be filed with the Secretary of the Board as a part of the official records of the University.

Upon motion of Mr. Davis, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendation by unanimous roll call vote.

I. GENERAL RECOMMENDATIONS (continued)

H. Generation of Heat and Power for the University

On May 13, 1965, the Board of Trustees authorized the employment of Giffels and Rossetti as consultants to advise the President on matters relating to plans for the generation of heat and power for the University. The consulting firm submitted a complete report entitled "A 25-Year Projection of Utilities Requirements for The Ohio State University Campus, and a Master Plan for Supplying These Requirements." This report has been studied by appropriate University officers and staff members and it is now proposed that the following recommendations from this report be approved by the Board of Trustees, and that the President and Vice President for Business and Finance be authorized to proceed toward the implementation of these recommendations in an appropriate manner related to the needs, fiscal capabilities of the University, and new advances in technology.

1. Heat and Cold

- a. Expand the capability of McCracken Station to meet heating and cooling loads of all buildings east of the Olentangy River excepting those high-rise dormitories and other special facilities with self-contained capability.
- b. Provide a new Utility Station in the area of the proposed General College to serve the buildings west of the river, again excepting certain units with self-contained capability. This station would produce high-temperature hot water and limited chilled water.
- c. Fuel would be gas for both stations.
- d. Steam turbines would be used only at the McCracken Station for power generation.
- e. Because of the magnitude of refrigeration loads and their distance from the station, a central chilled water system is not feasible. The present high pressure steam distribution system should be utilized as a means to provide energy at the use points for operation of refrigeration machinery.

2. Electric Power

- a. Provide a new public utility substation west of the Olentangy River which would supply power to three campus distribution substations located at McCracken Station, in the Health Center area, and in the General College area, with a supplemental cross-tie between the McCracken and Health Center substations.

I. GENERAL RECOMMENDATIONS (continued)

H. Generation of Heat and Power for the University (continued)

- b. Continue power generation at McCracken Station to the extent necessary to qualify this operation under the requirements for the industrial gas rate.

Upon motion of Mr. Allyn, seconded by Mr. France, the Board of Trustees by unanimous roll call vote approved the above recommendation.

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II. PERSONNEL CHANGES

It is recommended that all personnel changes since the October 14, 1965 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Leaves of Absence Without Salary and Emeritus Titles:

A. Leaves of Absence Without Salary

Alexander H. Main, Associate Professor, School of Music, April 1, 1966 through June 30, 1966, to devote full time to personal research and writing.

Marilyn A. Mason, Instructor (Assistant Extension Editor, Home Economics), Cooperative Extension Service, November 1, 1965 through November 15, 1965, to travel in Europe.

B. Emeritus Titles

William R. Kampfer, College of Dentistry, with the title Associate Professor Emeritus, effective July 1, 1965.

Oscar P. Snyder, College of Dentistry, with the title Assistant Professor Emeritus, effective July 1, 1965.

Estelle B. Franks, Cooperative Extension Service, with the title Instructor (County Extension Agent, Marketing) Emeritus, effective November 1, 1965.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents of the University.

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### III. GENERAL CONTRACTS AND AGREEMENTS

#### A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it is recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

##### 1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Excitation and Inhibition in the Vertebrate Retina (to be known as National Institutes of Health Project No. 782 - Sup. #1 - Institute for Research in Vision).  
Gross Value - \$57,881.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Metabolism in the Hypothermic By-Passed Heart (to be known as National Institutes of Health Project No. 1100 - Ext. #5 - Department of Surgery).  
Gross Value - \$39,906.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, An Investigation of Dental Writing (to be known as National Institutes of Health Project No. 1169 - Amended Ext. #5 - School of Journalism).  
Gross Value - \$2,880.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Exchange Protolysis of Molecules in Solution (to be known as National Institutes of Health Project No. 1383 - Ext. #4 - Department of Chemistry).  
Gross Value - \$37,089.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Reactions of Coordinated Functional Groups (to be known as National Institutes of Health Project No. 1501 - Ext. #3 - Department of Chemistry).  
Gross Value - \$25,814.00.
- f. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Conduct Studies in Radio Astronomy (to be known as Electronic Systems Division Project No. 1703 - Mod. #4 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- g. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Effects of Pesticides on Reproductive Success of Mice (to be known as Bureau of State Services Project No. 1720 - Ext. #2 - Department of Zoology and Entomology).  
Gross Value - \$15,246.00.
- h. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., Effects of Vibration, Noise, and Task Complexity on Performance in Rotary Wing and Fixed Wing Aircraft (to be known as Office of the Surgeon General Project No. 1857 - Mod. #1 - Department of Preventive Medicine).  
Gross Value - \$49,907.00.
- i. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Man-Machine Systems (to be known as Systems Engineering Group, Research and Technology Division Project No. 1933 - Sup. #1 - Department of Psychology).  
Gross Value - \$250,000.00.
- j. U. S. Army Research Office - Durham, Box CM, Duke Station, Durham, North Carolina, Investigation of Physical Organic Chemistry of Imines and Imonium Ions (to be known as U. S. Army Research Office - Durham Project No. 1983 - Sup. #1 - Department of Chemistry).  
Gross Value - \$19,853.00.
- k. National Science Foundation, Washington, D. C., Physical and Chemical Glaciology on the Second Queen Maude Land Traverse (to be known as National Science Foundation Project No. 2023 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$3,600.00.
- l. National Science Foundation, Washington, D. C., Nuclear Physics Research with 5.5 MeV Van de Graaff Accelerator (to be known as National Science Foundation Project No. 2115 - New - Department of Physics).  
Gross Value - \$189,000.00.
- m. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Investigation of Sublethal Levels of DDT and Rabbit Adrenal Function (to be known as Bureau of State Services Project No. 2117 - New - Department of Zoology and Entomology).  
Gross Value - \$22,653.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- n. National Science Foundation, Washington, D. C., Analysis of Movements of the Cincinnati Arch Region (to be known as National Science Foundation Project No. 2119 - New - Department of Geology).  
Gross Value - \$11,900.00.
- o. National Science Foundation, Washington, D. C., Investigation of Optically Active Complex Inorganic Compounds (to be known as National Science Foundation Project No. 2120 - New - Department of Chemistry).  
Gross Value - \$94,600.00.
- p. National Science Foundation, Washington, D. C., Investigation of Carbenic and Cationic Processes (to be known as National Science Foundation Project No. 2121 - New - Department of Chemistry).  
Gross Value - \$70,000.00.
- q. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Research Into the Earth's Gravity Field and the Determination of Geodetic Parameters Dependent on Gravity (to be known as Electronic Systems Division Project No. 2122 - New - Department of Geodetic Science).  
Gross Value - \$99,415.00.
- r. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Pressure-Flow Relationships of Brain Circulation (to be known as National Institutes of Health Project No. 2124 - New - Department of Surgery).  
Gross Value - \$27,610.00.
- s. Air Force Office of Scientific Research, Washington, D. C., The Spectrum of the G9 Giant Star Epsilon Virginia II. Publication of Results (to be known as Air Force Office of Scientific Research Project No. 2125 - New - Department of Astronomy).  
Gross Value - \$2,382.00.
- t. National Science Foundation, Washington, D. C., Radio Astronomy (to be known as National Science Foundation Project No. 2126 - New - Department of Electrical Engineering).  
Gross Value - \$192,000.00.
- u. National Science Foundation, Washington, D. C., Phylogeny of Pentamerinids and Evaluation of the Morphological Types as Zonal Markers (to be known as National Science Foundation Project No. 2127 - New - Department of Geology).  
Gross Value - \$14,700.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- v. National Science Foundation, Washington, D. C. , A Regional Paleocurrent and Paleoenvironment Study of the Chagrin, Cleveland, and Bedford Formations of Northern Ohio (to be known as National Science Foundation Project No. 2129 - New - Department of Geology).  
Gross Value - \$6,200.00.
- w. Watertown Arsenal, Watertown, Massachusetts, Machining Vibration Research (to be known as Watertown Arsenal Project No. 2131 - Department of Industrial Engineering).  
Gross Value - \$45,038.00.

TOTAL - Government Contracts - Federal \$1,307,674.00

2. Industrial and Other Contracts

- a. Youngs Drug Products Corporation, 393 Seventh Avenue, New York, New York, Investigation of New Progestin Compounds (to be known as Youngs Drug Products Corporation Project No. 1239 - Ext. #4 - Department of Obstetrics and Gynecology).  
Gross Value - \$10,896.00.
- b. United Health Foundations, Inc. , 820 Second Avenue, New York, New York, Circulatory and Metabolic Studies in Shock (to be known as United Health Foundations, Inc. Project No. 2076 - New - Department of Medicine).  
Gross Value - \$20,901.00.
- c. Pan American Union, Organization of American States, Washington, D. C. , Technical Assistance to the Latin American Human Resource Planning Program of the Pan American Union (to be known as Pan American Union Project No. 2118 - New - Department of Economics).  
Gross Value - \$8,740.00.
- d. Ford Foundation (The Fund for the Advancement of Education), 477 Madison Avenue, New York, New York, A Follow-up Study of the Early Admissions Students and Their Comparison Groups (to be known as Ford Foundation Project No. 2128 - New - Department of Psychology).  
Gross Value - \$8,000.00.

TOTAL - Industrial and Other Contracts \$48,537.00

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

The foregoing twenty-seven contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,356,211.00.

Upon motion of Mr. Davis, seconded by Mr. Shocknessy, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

During the period from October 1, 1965 through October 27, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Government Research Contracts

EES 235      A Study of Structural Evaluation of Flexible Pavements,  
Ohio Department of Highways, Columbus, Ohio, Bureau  
of Public Roads, Washington, D. C.  
Gross Value - \$9,500.00.

EES 239      Development of a Strength Design Method for Asphaltic  
Concrete, Ohio Department of Highways, Columbus,  
Ohio, Bureau of Public Roads, Washington, D. C.  
Gross Value - \$9,840.00.

EES 274      The Development of New Intersection Study Techniques,  
Ohio Department of Highways, Columbus, Ohio, Bureau  
of Public Roads, Washington, D. C.  
Gross Value - \$45,480.00.

TOTAL - Government Research Contracts \$64,820.00

2. Industrial Research Contract

EES 273      The Effect of Carbon Monoxide on Driving Performance  
Based Upon the Determination of Representative Equivalent  
Cab-Level Concentrations, National Safety Council, Chicago,  
Illinois.  
Gross Value - \$1,000.00.

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$65,820.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since October 14, 1965, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$634,000.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for the construction of the "Addition to Health Center Research Laboratory (Wiseman Hall)." This is a supplement to the grant reported December 10, 1964. (Grant 1 C01-FR-03188-01S1)
2. \$282,500.00 granted by the National Science Foundation for support of the "Academic Year Institute in Science and Mathematics for Secondary School Teachers," under the direction of Dr. John S. Richardson, School of Education. This grant will terminate on September 30, 1967. (GW-175)
3. \$53,110.00 granted by the National Science Foundation for support of a "Summer Institute in Introductory College Geography Courses: Examination and Appraisal for College Teachers," under the direction of Professor John R. Randall, Department of Geography. This grant terminates on September 30, 1966. (GY-598)
4. \$25,000.00 from Battelle Memorial Institute for the Battelle Chair of Metallurgy for the year 1965-66.
5. \$22,400.00 granted by the National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Dean Lloyd M. Parks, College of Pharmacy. This grant terminates on July 31, 1967. (GY-98)
6. \$21,400.00 granted by the National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Professor Paul G. Gassman, Department of Chemistry. This grant terminates on July 31, 1967. (GY-52)
7. \$3,909.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cancer Training," under the direction of Dr. John R. Wilson, College of Dentistry, for the period September 1, 1965 through June 30, 1966. (Grant T2 CA 513-19)
8. \$2,775.00 additional grant from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of Dr. Bernard B. Schlanger, Department of Speech, for the period September 1, 1965 through August 31, 1966. (Grant VRA-222-T-66 - Amendment No. 2)

TOTAL - Through the Office of Business and Finance \$1,045,094.00

November 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$26,311.00 from The John A. Hartford Foundation, Inc. for Midwest Foundation Obstetrics and Gynecology Fund.
2. \$16,549.00 from Trust under the Will of Glenna R. Joyce for the Glenna R. Joyce Scholarship Fund.
3. \$11,000.00 from National Machinery Foundation, Inc. for National Machinery Foundation Fund for Mechanical Engineering.
4. \$10,000.00 from Dorothy H. and Lewis Rosenstiel Foundation, New York, New York, for heart research in the College of Medicine.
5. \$9,020.00 from Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship.
6. \$8,085.00 from the Mark L. Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
7. \$8,075.00 from the American Foundation for Pharmaceutical Education, Washington, D. C. , for the American Foundation for Pharmaceutical Education Fellowship Fund in the College of Pharmacy.
8. \$6,577.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
9. \$6,000.00 from The Cooper-Bessemer Foundation--\$3,000.00 for The Cooper-Bessemer Engineering Scholarship Fund and \$3,000.00 for The Cooper-Bessemer Engineering Faculty Merit Award.
10. \$5,000.00 from The General Electric Foundation, Crotonville, New York, for The General Electric Fellowship Fund in Chemistry.
11. \$5,000.00 from Ford Motor Company, Dearborn, Michigan, for the Ford Motor Company Fund for Mechanical Engineering.
12. \$4,641.00 from Dr. Joseph W. Kohn, Warren, Ohio, for the Joseph W. Kohn Fund for Medicine.
13. \$4,500.00 from Armco Steel Corporation for the Armco Fellowship in Metallurgical Engineering Fund.
14. \$4,276.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.
15. \$3,600.00 from Sterling-Winthrop Research Institute, Rensselaer, New York, for Sterling-Winthrop Research Fund in the College of Pharmacy.
16. \$3,500.00 from CIBA Corporation, Summit, New Jersey, for the CIBA Research Fund in the College of Pharmacy.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. \$2,500.00 from Laura Foy Heekin (Mrs. Robert E.) for the Robert E. Heekin Memorial Fund.
18. \$2,000.00 from Dr. Howard F. and Enid H. Seely for the establishment of the Maribelle Seely Baker Memorial Scholarship Fund.

Maribelle Seely Baker Memorial Scholarship Fund

The Maribelle Seely Baker Memorial Scholarship Fund was established October 1, 1965, by gifts through the Development Fund from Dr. Howard Francis Seely and Enid H. Seely (Mrs. Howard Francis), in memory of their daughter, Maribelle Seely Baker, an alumna of The Ohio State University.

The principal is to be invested in accordance with the rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

Principal and/or income to the extent of \$1,000.00 per year is to be used for an annual scholarship to a competent, deserving, and probably, but not necessarily, needy student in elementary education. If, however, during a given year a suitable candidate is not found, then to someone in the area of the teaching of English. In either event, the student is to be one in the School of Education.

When the principal of this fund reaches \$25,000.00, the income only is to be used for the granting of scholarships as outlined herein.

In the event the need for such scholarships should cease to exist, or so diminish as to create unused income, then the Board of Trustees of The Ohio State University may use said income in its discretion, preference to be given, however to items in the field of education.

19. \$1,752.57 from Mrs. Josephine S. Failer for the Men's Glee Club Fund.
20. \$1,600.00 from Miss Irene Hirsch for the Dr. Walter C. Reckless Project.
21. \$1,250.00 from J. T. Edwards Company Foundation, Inc. --\$600.00 as an undesignated gift; \$500.00 for the J. T. Edwards Company Scholarship Fund; and \$150.00 for the Student Athlete Grant-in-Aid Fund.
22. \$1,004.81 in securities from Mrs. Martha C. Willcox, Columbus, Ohio, to be added to the Everett D. Reese Professorship of Banking and Economics.
23. \$1,000.00 from The National Collegiate Athletic Association, Kansas City, Missouri, for The National Collegiate Athletic Association Postgraduate Scholarship Fund.

November 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

24. \$1,000.00 from Robert L. Bates for the Robert L. Bates Fund for Chemical Engineering.
25. \$1,000.00 from Robert Lazarus, Sr. for the Student Athlete Grant-in-Aid Fund.
26. \$1,000.00 from Thomas B. Meek for the James Thurber Memorial Fund.
27. \$1,000.00 from James R. Riley as an unrestricted gift to the University.

TOTAL - Received Through the Development Fund \$147,241.38

Establishment of the Hershel W. Arant Memorial Fund--made possible through a \$10,000.00 gift in cash and securities received from John W. Galbreath as reported to the Board on May 13, 1965.

Hershel W. Arant Memorial Fund

The Hershel W. Arant Memorial Fund was established October 15, 1965, by a gift through the Development Fund from John W. Galbreath in honor of and in memory of Hershel W. Arant, former Dean of the College of Law.

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates.

The income is to be used for objectives of the College of Law on recommendation of the Dean of that College. In the event the College of Law as it now exists shall be altered in any reorganization of colleges, schools, and departments, the Board of Trustees or successor governing body of the University shall direct use of the income for purposes within the field of law as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

C. Gift-in-Kind

A Lockheed Ventura aircraft Number N-165H plus miscellaneous supporting parts, complete with navigational equipment and in good operating condition, received October 13, 1965, from Hanna Mining Company, Cleveland, Ohio, to the Board of Trustees for purposes as determined by the Department of Aviation of the University.

Upon motion of Mr. France, seconded by Mr. Ketterer, the acceptance of the above grants and gifts was approved by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.



November 11, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

In September, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	358	\$ 65,703.38
Individuals other than alumni	89	65,545.24
Nonprofit organizations	27	155,154.25
Business concerns	<u>11</u>	<u>25,639.09</u>
	485	\$312,041.96

Of these gifts, 293 totaling \$3,740.35 were undesignated and 192 totaling \$308,301.61 were designated.

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V. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

At the request of the Vice President for Business and Finance, it is recommended that the Extra and Credit Orders and Extensions of Time for Completion of Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Engineering Classrooms and Laboratories	\$1,041.00
2. Materials Engineering and Science Building	1,260.00
3. Physiological and Experimental Psychology Laboratories	992.00
4. North Commons	<u>1,109.00</u>
Total	<u>\$4,402.00</u>

B. Credit Orders to Contracts

1. North Commons	\$ 913.00
2. Ohio Union, West Terrace Dining Room Expansion	600.00
3. Upham Hall - Repairs to Auditorium	<u>620.46</u>
Total	<u>\$2,133.46</u>

C. Extensions of Time for Completion of Contracts

1. Construction of Curl Drive	October 20 - November 30, 1965
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Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it is recommended that the plans and specifications, bills of materials, and estimate of cost for the following projects be approved by the Board of Trustees:

A. Interior Painting

This project includes partial interior painting of the Antenna Laboratory, Graduate School, Hamilton Hall, Horticulture and Forestry Building, and Poultry Building.

Funds will be provided from Budget Account 121658.

B. Arps Hall - Repairs to Electrical Systems

This project includes electrical distribution, panel boards, and lighting to bring the electrical systems up to present-day standards in the original building.

Funds will be provided from Budget Account 121658.

C. Agriculture Administration Building Improvements

This project provides air conditioning for office areas in Rooms 3, 4, 5, 6, 7, and 109.

Funds will be provided from Budget Account 129010.

D. Repairs to Sisson Hall

This project will develop existing building space for offices, laboratories, animal housing, and related rooms for basic comparative biological research related to the heart.

Funds will be provided from the University Treasurer Research Account and from a National Institutes of Health Research Grant.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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November 11, 1965 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board:

A. Plumb Hall--Alterations for Computer Area

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(2 bids received 10-19-65)		
Reco Electric (Columbus)	\$ 3,750.00	\$ 4,500.00
<u>Mechanical Contract</u>		
(8 bids received 10-19-65)		
Comfort Contractors (Columbus)	11,397.00	14,500.00
Total Contracts	<u>\$15,147.00</u>	<u>\$19,000.00</u>

Funds for this project are provided from Budget Account 956281.

B. Repairs to Plumbing in Upham Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 10-21-65)		
Robert H. Johns Company (Columbus)	\$16,241.00	\$22,500.00
<u>Plumbing Contract</u>		
(4 bids received 10-21-65)		
J. F. Oelgoetz (Columbus)	4,192.00	5,500.00
Total Contracts	<u>\$20,433.00</u>	<u>\$28,000.00</u>

Funds for this project are provided in the University Hospital Rotary.

C. Repairs to Roofs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 10-21-65)		
Earl E. Bright, Inc. (Columbus)	\$16,800.00	\$20,700.00

Funds for this project are provided in Budget Account 121658.

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Repairs to University Airport Drainage System

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received 10-21-65)		
Tedco Construction (Columbus)		
Base Bid	\$51,100.00	\$57,230.00
Alt. #1 Asphalt Paving	<u>4,400.00</u>	<u>23,997.00</u>
Total Contract	<u>\$55,500.00</u>	<u>\$81,227.00</u>

Funds for this project are provided in Budget Account 121658.

Upon motion of Mr. Ketterer, seconded by Mr. Bricker, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VIII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 20 Authorizes the Director of Public Works to proceed with acquisition of property located at 1662 Neil Avenue and 265 West Eleventh Avenue, Columbus, Ohio.
- 21 Approves the award of contract for Construction of Curl Drive, Phase II, without further competitive bidding, and releases \$41,500.00 from Item 033, H. B. 202, to provide funds for this work.
- 22 Approves the release of \$147,000.00 from Item 002, H. B. 949, for architectural fees for the project Science Building, Phase II, and authorizes the change in name of the project to Science and Engineering Building, Phase IV.
- 23 Approves the acquisition of property located at 70 West Tenth Avenue.
- 29 Approves the transfer of \$150,000.00 from Item 016 to a new account, Item 043 Basic Science - Medical and release of this amount for the preparation of preliminary plans.
- 31 Authorizes transfer and release of \$25,000.00 from Item 016 Medical Complex to Item 015 College of Medicine - Land, H. B. 202, to provide funds for the acquisition of property.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Parking Garage #1 (West of Power Plant)

On April 2, 1965, bids were received for the proposed parking ramp in the Medical Center which resulted in a turnkey cost per car space of about \$2,500.00. These bids were rejected because it was impossible to finance a structure which was this expensive. Since then, studies have gone forward indicating that the conventional parking ramp can be built at a turnkey cost not to exceed \$2,100.00 per car space.

In the meantime, however, negotiations with the Austin Company of Cleveland, Ohio, have produced a turnkey estimate of \$1,495.00 per car space for a "Spirapark" garage on which the Austin Company has patents pending.

Inasmuch as this design is a proprietary design and cannot be utilized through the process of competitive bidding and, further, inasmuch as it will produce a saving of approximately \$600.00 per car space, it is recommended that the President and the Vice President for Business and Finance be authorized to present a request to the Department of Finance and the Controlling Board of the State of Ohio to secure permission to award the contract to the Austin Company for a Spirapark Ramp of at least 1,000 car capacity without competitive bidding.

Funds will be provided through the sale of The Ohio State University Parking Ramp bonds for which the report of Wilbur Smith and Associates dated June 15, 1964, constitutes the feasibility study and the action of the Board of Trustees dated July 17, 1964, constitutes the selection of Squire, Sanders and Dempsey as Bond Counsel for the indenture agreement.

It is expressly understood that other ramp structures of conventional design at the higher price may be necessary for both the Arps Hall and Ohio Union ramps because of area limitations on those sites.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

B. City of Columbus, Easement for Storm Sewer

The City of Columbus has requested permission to construct the Woodruff Avenue - Iuka Avenue Storm Sewer through State of Ohio lands, which lands have been designated for use by The Ohio State University. The proposed storm sewer will serve the University and other property east of the campus.

It is recommended that the construction of the storm sewer through University lands be approved in a location not inimical to the interests of the University. It is further recommended that the Vice President for Business and Finance be authorized to request the Director of Public Works to act on behalf of the University pursuant to his statutory duties in developing the necessary legal instruments to provide for the installation of said storm sewer and protect the interests of the University.

Upon motion of Mr. Davis, seconded by Mr. France, the above recommendations were approved by unanimous vote.

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

C. Employment of Architects, Newark Campus

The design of buildings for branch campuses is a special concern both of the Board of Regents and of The Ohio State University. In an effort to demonstrate the advantages of standard modular construction as a means of reducing costs and increasing effective facility utilization, it is recommended that the University work with the Board of Regents in the design of the Newark Campus buildings. Accordingly, it is recommended that the Director of Public Works be requested to appoint Granzow and Guss as project architects under the normal direction of the University Architect.

The Board of Regents will pay 4 per cent of the project cost toward the standard architect's fees and the University will pay the balance out of funds appropriated for the Newark Campus buildings.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

D. Columbia Gas of Ohio, Inc., Easement for Gas Line

The Columbia Gas of Ohio, Inc. has requested permission to construct a four (4") inch gas line on the north side of Case Road through State of Ohio lands, which lands have been designated for use by The Ohio State University. The gas line will serve the University and other property in the vicinity of University Airport.

It is recommended that the construction of the gas line through University lands be approved in a location not inimical to the interests of the University. It is further recommended that the Vice President for Business and Finance be authorized to request the Director of Public Works to act on behalf of the University pursuant to his statutory duties in developing the necessary legal instruments to provide for the installation of said gas line and protect the interests of the University.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

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X. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held October 15, 1965

President Fawcett reported for information and the record that the Board of Regents at its meeting on October 15, 1965, adopted the following resolution designating the College of Medicine of The Ohio State University as the agency to apply for a planning and development grant from the Surgeon General of the United States:

November 11, 1965 meeting, Board of Trustees

X. REPORTS (continued)

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held October 15, 1965 (continued)

BE IT RESOLVED: that insofar as the requirements of Section 3333.04 of the Ohio Revised Code directing the Ohio Board of Regents to formulate a master plan for higher education for the state are concerned, the Ohio Board of Regents hereby designates the College of Medicine of The Ohio State University as the agency to apply for a planning and development grant from the Surgeon General of the United States and to prepare the necessary plans for a regional medical complex engaged in research, training, prevention, diagnosis, and treatment relating to heart disease, cancer, or stroke in accordance with the Federal Government's Heart Disease, Cancer, and Stroke Amendments Act of 1965, provided that The Ohio State University shall designate an advisory group to assist in the formulation and administration of a regional medical complex consisting of representatives from other medical colleges, from the medical profession, and from any related research agencies located in the State of Ohio.

B. Report on Valuation of Land Acquired for Lima and Mansfield Branch Campuses

1. Lima Campus

At the June 10, 1965 meeting of the Board of Trustees, it was reported that 564.92 acres, more or less, had been accepted for the site of the Lima Campus of The Ohio State University. It is reported for information and the record that of the foregoing, three parcels totaling 190 acres were purchased for \$238,252.99 from funds donated by the Galvin Foundation. Eight parcels totaling 374.92 acres were purchased for \$385,896.84. The total acquisition cost for eleven parcels is \$624,149.83, all from funds provided by donations resulting from the Lima Campus Fund drive.

2. Mansfield Campus

At the June 10, 1965 meeting of the Board of Trustees, it was reported that 512.091 acres, more or less, had been accepted as well as 40.97 acres accepted previously, to make a total of 553.061 acres for use as a site for the Mansfield Campus of The Ohio State University. It is reported for information and the record that the 512.091 acres were acquired from five owners at a total cost of \$295,063.00 including \$30,700.55 expenses from funds provided by the Mansfield Branch - The Ohio State University New Campus Fund drive. The foregoing figures do not include the value of the 40.97 acres previously received by the Board.

Upon motion of Mr. France, seconded by Mr. Davis, the Secretary was instructed to include the above reports in the minutes of this meeting.

X. REPORTS (continued)

C. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated October 31, 1965, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

D. Administrative Report on Enrollment

Mr. John T. Mount, Vice President for Educational Services, in a report presented to the Board of Trustees, outlined the enrollment gains made during the ten years since President Novice G. Fawcett assumed the position as President of The Ohio State University. Mr. Mount cited the following data in his presentation:

1. Graduate student enrollment on the Columbus Central Campus increased 119 per cent from 1956 to 1965--from 2,552 in 1956 to 5,598 in Autumn Quarter 1965. (An additional number of 478 graduate students are enrolled off-campus.)
2. Total enrollment of the University (includes Columbus Central Campus and all Off-Campus Centers) increased 80 per cent--from 22,470 in 1956 to 40,474 in 1965. Undergraduate enrollment is up 56 per cent--from 17,141 in 1956 to 26,666 in 1965.
3. Total enrollment in the professional colleges and schools increased from 2,381 in 1956 to 3,010 in 1965.
4. First quarter freshmen enrollment on the Columbus Central Campus was 5,365 in 1956 and 6,066 in 1965. Grand total first quarter freshmen enrollment increased from 5,365 in 1956 to 9,075 in 1965.
5. Students at University branches, first of which were opened in 1961, increased from 1,147 to 4,563 in 1965. Autumn 1965 enrollment at branches was reported as Columbus, 1,144; Mansfield, 987; Lima, 807; Lakewood, 642; Newark, 547; and Marion, 436.
6. Largest individual college increase during the 10-year period was reported by the College of Arts and Sciences, which enrolled 4,423 students in 1956 and 10,048 in 1965. Ranking second was the College of Education, increasing from 3,581 to 7,348.
7. Summer Quarter enrollments increased 116 per cent during the period--from 6,967 in 1956 to 14,370 in 1965.
8. Seventy-three per cent of the entering freshmen on the Columbus Central Campus in the Autumn of 1965 ranked in the top one-third of their high school classes. In 1956, 43 per cent of the entering freshmen ranked in the top one-third.



X. REPORTS (continued)

D. Administrative Report on Enrollment (continued)

9. The American College Test ranking showed there was a 60 per cent increase in 1965 over 1964 in the number of entering freshmen who achieved a composite score which placed them in the highest two per cent of all students enrolling in universities comparable to The Ohio State University.
10. The enrollment of students on the Columbus Central Campus from the major metropolitan areas of the state has continued to increase despite additional opportunities for students to enroll in institutions of higher education in their local communities. The following Autumn Quarter enrollments for selected counties were cited:

	<u>1964</u>	<u>1965</u>
Cuyahoga County	3,617	4,127
Hamilton County	826	985
Montgomery County	1,495	1,607
Summit County	895	995

Mr. Mount concluded his report by presenting to the Board of Trustees selected representative students of the various areas of scholastic achievement:

Karen Sue Schrock	Presidential Freshman Honor Scholar
Frank Hudson	National Merit Scholar from Maryland
Henry Bobulski	National Merit Scholar from Columbus
Alice Craig	Presidential Freshman Honor Scholar in 1962 and Outstanding Senior in 1965
Dan Moore	Presidential Freshman Honor Scholar in 1962 and Outstanding Senior in 1965
Kathryn McDaniel	Representing newly admitted graduate students
Patrick Butterfield	Representing newly admitted professional students
Alan Fisher	Representing the 3,906 Army R. O. T. C. cadets
David Fritsche	Representing the 2,245 Air Force R. O. T. C. cadets
James McAuley	Representing the 298 Navy R. O. T. C. mid- shipmen

E. Clarification of Admissions Policy

Mr. Shocknessy stated that since there is some widespread misinterpretation and confusion regarding the admissions policy for students who wish to enroll as freshmen in the Autumn Quarter 1966, a few words of clarification would be in order.

November 11, 1965 meeting, Board of Trustees

X. REPORTS (continued)

E. Clarification of Admissions Policy (continued)

President Fawcett responded by saying that he regretted that the public news media had misinterpreted a statement made by an official of the University. The widely reported statement that only students in the highest 25 per cent of their high school graduating classes would be admitted to the University in 1966 was erroneous. President Fawcett indicated further that in accordance with the statutes of Ohio all graduates of Ohio high schools are entitled to admission to The Ohio State University and those who apply for admission as freshmen in 1966 will be admitted to some college, division, or branch of the University. It may be necessary, however, to limit enrollment on the Columbus Central Campus of the University because of the fiscal limitation imposed by the Appropriations Act of the 106th General Assembly.

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Thereupon the Board adjourned to meet Thursday, December 9, 1965, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

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John T. Mount  
Secretary

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Alan B. Loop  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 9, 1965

The Board of Trustees met at its regular monthly meeting on Thursday, December 9, 1965, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Mervin B. France, and James W. Shocknessy.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Degrees Conferred - Autumn Quarter Commencement Convocation

It is recommended that degrees be conferred at the Autumn Quarter Commencement Convocation on December 17, 1965, to those students who have completed requirements for their respective degrees and are recommended by the Faculty Council. The names of those awarded degrees will be included in the minutes of this meeting. (See Appendix VII, page 283.)

Upon motion of Mr. Shocknessy, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

B. Center for Tomorrow

It is recommended that the following resolution be adopted authorizing the appropriate administrative officers to proceed with the implementation of a financial program for the construction of the Center for Tomorrow:

WHEREAS, the Board of Trustees initiated action to investigate procedures by which a Continuing Education Center, called the Center for Tomorrow, could be financed, designed, constructed, and operated, at its regular meeting held October 9, 1964; and

WHEREAS, to further this aim, the President and other appropriate University officers engaged in such study; and

WHEREAS, the President and the Vice President for Business and Finance now propose to finance the Center for Tomorrow through University internal appropriations and loans from non-tax funds currently available, with said loans being for 40 years, bearing interest at 4 per cent per annum, and providing for a total turnkey cost of \$4,550,000.00 ready to operate; and

WHEREAS, the earning power from the Center for Tomorrow is estimated to be sufficient to pay interest on and amortize the necessary 40-year internal loan;

NOW BE IT RESOLVED, that the aforesaid financing plan be approved, and that the President and the Vice President for Business and Finance be, and hereby are authorized to execute the necessary appropriations and loans pertaining to this project, and do all things necessary to implement it expeditiously.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above resolution was adopted by unanimous roll call vote, and the Secretary was instructed to file the detailed plan for financing the Center for Tomorrow with the official records of the Board of Trustees. In making the motion, Mr. Bricker commented as follows: "The construction of the proposed Center for Tomorrow is one of the most significant steps forward this University has taken in a number of years. The proposed building will provide greatly needed facilities which will enable the University to serve more adequately those who come to the campus each year for continuing education programs."

I. GENERAL RECOMMENDATIONS (continued)

C. Communications Center - Construction of Facilities  
Located at the Ohio Exposition Center

It is recommended that the following resolution be adopted authorizing the appropriate administrative officers of the University to proceed with the development of a Communications Center for the State:

WHEREAS, the Ohio Board of Regents has requested The Ohio State University to prepare plans for, to supervise construction of, and to operate a State center for communications including, but not limited to the origination of color television programs; and

WHEREAS, the University administration after careful study has concluded that the implementation of such a program is in accord with the University's responsibility to provide the professional leadership for such State-wide educational activities; and

WHEREAS, funds are available in line 315-034 of H. B. 949 for such purposes; and

WHEREAS, the Governor of the State of Ohio has indicated that land owned by the State, and located on the Ohio Exposition Center will be made available to The Ohio State University for these purposes;

NOW BE IT RESOLVED, that the President, and the Vice President for Business and Finance be authorized to take all action necessary for the expeditious implementation of this project, through normal policies and procedures to the end that:

1. The Director of Public Works be requested to appoint the firm of Schooley Cornelius Schooley on a standard State contract as project architects, under the direction of the University Architect, for a communications structure having a turnkey project cost of not over \$500,000.00,
2. The sum of not to exceed \$500,000.00 be appropriated to provide equipment for this Communications Center project,
3. The sum of not to exceed \$500,000.00 be appropriated to provide the necessary electronic connection and equipment pertaining thereto between and in The Ohio State University campus telecommunication facilities and the communications facilities located on the Ohio Exposition Center grounds, and
4. The Ohio State University vigorously prosecute its role as the Communications Center for the State.

December 9, 1965 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Communications Center - Construction of Facilities  
Located at the Ohio Exposition Center (continued)

All of the foregoing action is taken with the understanding that operating funds for the facility will be provided through the State, over and above the FTE formula designed to assist the University with its operations during the current biennium.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

D. Plans for Development of a Research Tower

It is recommended that the following resolution be adopted authorizing the appropriate administrative officers of the University to proceed with the plans for the development of a Research Tower to be located on The Ohio State University campus.

WHEREAS, the Ohio Board of Regents has indicated its interest in providing funds for the design and construction of a Research Tower and Conference Complex to stimulate industrial and other research in Central Ohio; and

WHEREAS, it is a matter of record that The Ohio State University administration has expressed its interest and desire in acquiring such facilities at the earliest possible date;

NOW BE IT RESOLVED, that the President and other appropriate University officers as directed by him be authorized to proceed with a master plan, a site plan, and proposals to qualify for such funds as may be available, and to present these proposals to the Board of Regents at the first opportunity.

Upon motion of Mr. Ketterer, seconded by Mr. Allyn, the above resolution was adopted by unanimous roll call vote.

II. PERSONNEL CHANGES

It is recommended that all personnel changes since the November 11, 1965 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotion and Change in Administrative Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotion and Change in Administrative Responsibility

Henry L. Hunker from Professor, Department of Geography, to Assistant Dean, College of Commerce and Administration, effective January 1, 1966, at a salary of \$17,064.00 per annum. (Dr. Hunker will continue to hold the rank of Professor in the Department of Geography at No Salary.)

II. PERSONNEL CHANGES (continued)

B. Appointment

Richard R. Medhurst, Professor and Director of the School of Social Work, effective September 1, 1966, at a salary of \$21,168.00 per annum.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons are recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Herbert W. \*Crown, Instructor (County Extension Agent, Agriculture) Holmes County, January 1, 1966 through June 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Richard B. Farison, Instructor (County Extension Agent, Agriculture) Wood County, January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Floren V. James, Instructor (County Extension Agent, Agriculture) Erie County, January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Edgar P. Watkins, Instructor (Area Extension Agent, Marketing), January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Anthimos J. Christoforidis, Professor, Department of Radiology, November 1, 1965 through December 31, 1965, for personal reasons.

Edwin P. Hiatt, Professor, Department of Physiology, January 1, 1966 through December 31, 1966, for U. S. Government service.

Nathan Lazar, Professor, School of Education, July 1, 1965 through September 30, 1965, to act as a consultant on an educational project in Israel.

Paul Pimsleur, Associate Professor and Director of the Listening Center, College of Arts and Sciences, January 1, 1966 through June 30, 1966, to accept a Fulbright grant to teach at the University of Heidelberg, Germany.

December 9, 1965 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Joan Vernikos-Danellis, Assistant Professor, Department of Pharmacology, July 1, 1965 through June 30, 1966, for personal reasons.

Gerald D. Stanley, Instructor (County Extension Agent, 4-H) Stark County, Cooperative Extension Service, January 1, 1966 through August 31, 1966, to participate in a program of professional improvement at Purdue University.

E. Emeritus Titles

George F. Henning, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective February 1, 1966.

Gates S. Vickers, Cooperative Extension Service, with the title Assistant Professor Emeritus (Extension Specialist, Poultry Science), effective December 1, 1965.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the Promotion and Change in Administrative Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents of the University.

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III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it is recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a. Department of Navy, Office of Naval Research, Washington, D. C., Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #11 - Department of Speech). Gross Value - \$19,795.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- b. National Aeronautical and Space Administration, Washington, D. C., Receiver Techniques and Detectors for Use at Millimeter and Submillimeter Wave Lengths (to be known as National Aeronautical and Space Administration Project No. 1093 - Sup. #5 - Department of Electrical Engineering).  
Gross Value - \$75,000.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Clinical Research Center (to be known as National Institutes of Health Project No. 1996 - Ext. #5 - Department of Obstetrics and Gynecology).  
Gross Value - \$359,446.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Spontaneous and Experimental Endometrial Carcinoma (to be known as National Institutes of Health Project No. 1281 - Ext. #4 - Department of Pathology).  
Gross Value - \$32,803.00.
- e. Department of Navy, Office of Naval Research, Washington, D. C., Infrared Spectra and the Structure of Polyatomic Molecules (to be known as Office of Naval Research Project No. 1379 - Amend. #3 - Department of Physics).  
Gross Value - \$10,800.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hemodynamic Studies (to be known as National Institutes of Health Project No. 1409 - Ext. #4 - Department of Physiology).  
Gross Value - \$10,446.00.
- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Nervous System Elements in Tissue Culture (to be known as National Institutes of Health Project No. 1457 - Sup. #1 - Departments of Pathology and Psychiatry).  
Gross Value - \$11,186.00.
- h. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Modes of Action of Tetracycline Antibiotics (to be known as National Institutes of Health Project No. 1554 - Ext. #3 - Department of Agricultural Biochemistry).  
Gross Value - \$19,545.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- i. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Sup. #4 - Institute for Research in Vision).  
Gross Value - \$1,384.00.
- j. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Hypersonic Aerothermodynamics Simulation in Rarefied Flows (to be known as Systems Engineering Group, Research and Technology Division Project No. 1657 - C. O. #4 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$70,000.00.
- k. National Aeronautical and Space Administration, Washington, D. C., Investigation of Spacecraft Antenna Problems (to be known as National Aeronautical and Space Administration Project No. 1691 - Sup. #2 - Department of Electrical Engineering).  
Gross Value - \$45,000.00.
- l. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Behavior Following Rearing in a "Random" Environment (to be known as National Institutes of Health Project No. 1726 - Ext. #2 - Department of Psychology).  
Gross Value - \$11,694.00.
- m. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Preparation and Investigation of High Strength Wires (to be known as Systems Engineering Group, Research and Technology Division Project No. 1826 - C. O. #2 - Department of Metallurgical Engineering).  
Gross Value - \$14,970.00.
- n. Aerospace Medical Division, AFSC, Brooks Air Force Base, Texas, Research on Visual Recovery from Brief Exposures to Very High Luminance Levels (to be known as Aerospace Medical Division, Brooks Air Force Base Project No. 1852 - Sup. #3 - School of Optometry).  
Gross Value - \$29,619.00.
- o. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Sympathetic Mediated Vasopressin Pressor Responses (to be known as National Institutes of Health Project No. 1889 - Ext. #1 - Department of Pharmacology).  
Gross Value - \$11,839.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- p. Department of Navy, Office of Naval Research, Washington, D. C., Learning, Adaptation and Control in Information Science (to be known as Office of Naval Research Project No. 1902 - Amend. #1 - Department of Electrical Engineering).  
Gross Value - \$25,000.00.
- q. National Science Foundation, Washington, D. C., Physical Phenomena at Very Low Temperatures (to be known as National Science Foundation Project No. 1930 - Amend. #1 - Department of Physics).  
Gross Value - \$91,600.00.
- r. U. S. Army Medical Research and Development Command, Office of the Surgeon General, Washington, D. C., Studies of Maxillofacial Growth and Repair: Study by Electron-microscopy and Diffraction of Bone Mineralization (to be known as U. S. Army Medical Research and Development Command Project No. 1937 - Mod. #1 - College of Dentistry).  
Gross Value - \$13,700.00.
- s. Air Force Institute of Technology, Air University, United States Air Force, Wright-Patterson Air Force Base, Ohio, Research and Services to Review and Present Courses of Instruction in the School of Systems and Logistics (to be known as Air Force Institute of Technology Project No. 2043 - Sup. #3 - Defense Management Center).  
Gross Value - \$6,300.00.
- t. Aeronautical Chart and Information Center, United States Air Force, St. Louis, Missouri, Collection, Evaluation, Reduction and Processing of Gravity Data (to be known as Aeronautical Chart and Information Center Project No. 2071 - New - Department of Geodetic Science).  
Gross Value - \$124,515.00.
- u. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, High Energy Physics Studies (to be known as U. S. Atomic Energy Commission Project No. 2116 - New - Department of Physics).  
Gross Value - \$255,000.00.
- v. National Science Foundation, Washington, D. C., Biosynthesis of the Aglycones of Thioglucosides (to be known as National Science Foundation Project No. 2123 - New - Department of Agricultural Biochemistry).  
Gross Value - \$21,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- w. U. S. Department of Agriculture, Agricultural Research Service, Northern Utilization and Development Division, Peoria, Illinois, Studies on the Amination of Starch for the Purpose of Modifying the Chemical and Physical Properties as a Basis for Expanded Utilization (to be known as U. S. Department of Agriculture, Agricultural Research Service Project No. 2130 - New - Department of Chemistry).  
Gross Value - \$129,265.00.
- x. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Stress Deflection Analysis of Fibrous Composite Materials Under External Loading (to be known as Systems Engineering Group, Research and Technology Division Project No. 2132 - New - Department of Engineering Mechanics).  
Gross Value - \$18,000.00.
- y. Department of the Navy, Office of Naval Research, Washington, D. C., In vivo Effects of Oxygen (and varying mixtures) at Hypo-, Iso-, and Hyperbaric Pressures on Erythrocytes and Brain (to be known as Office of Naval Research Project No. 2136 - New - Department of Medicine).  
Gross Value - \$27,742.00.
- z. Department of Health, Education, and Welfare, Bureau of State Services - Community Health, Washington, D. C., Planning a University-Wide Interdisciplinary Program in Mental Retardation (to be known as Bureau of State Services - Community Health Project No. 2139 - New - Department of Medicine).  
Gross Value - \$26,457.00.

TOTAL - Government Contracts - Federal \$1,462,106.00

2. Industrial and Other Contracts

- a. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C248134, C252431, C253804 - Department of Surgery).  
Gross Value - \$4,654.44.
- b. Kennecott Copper Corporation, Ledge-mont Laboratory, Lexington, Massachusetts, Oxidation of Niobium-Zirconium-Rhenium Alloys (to be known as Kennecott Copper Corporation Project No. 1939 - Ext. #1 - Department of Metallurgical Engineering).  
Gross Value - \$5,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- c. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, Development of a Membrane Oxygenator (to be known as Central Ohio Heart Association Project No. 2138 - New - Department of Medicine).  
Gross Value - \$3,890.00.

TOTAL - Industrial and Other Contracts \$13,544.44

The foregoing twenty-nine contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,475,650.44.

Upon motion of Mr. France, seconded by Mr. Allyn, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

During the period from October 27, 1965 through November 23, 1965, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

1. Government Research Contracts

EES 226      To Evaluate Existing Methods and/or Develop Improved  
Ext. #2      Methods for the Measurement of Certain Properties of  
Concrete, National Academy of Sciences, Washington 25,  
D. C.  
Gross Value - \$78,840.00.

SC 52        A Short Course on Geometric Design and Traffic Control,  
Ohio Department of Highways, Columbus, Ohio, Bureau  
of Public Roads, Washington, D. C.  
Gross Value - \$1,500.00.

TOTAL - Government Research Contracts \$80,340.00

2. Industrial Research Contract

EES 275      Factors Affecting Metal Penetration of the Mold Surface,  
American Foundrymen's Society, Des Plaines, Illinois.  
Gross Value - \$9,240.00.

The foregoing three contracts for research in the Engineering Experiment Station represent a gross income of \$89,580.00.

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December 9, 1965 meeting, Board of Trustees

#### IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since the November 11, 1965 meeting, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

##### A. Administered Through the Office of Business and Finance

1. \$90,890.00 granted by the National Science Foundation to the University for support of a "Summer Institute in Mathematics for Secondary School Teachers," under the direction of Professor John Riner, Department of Mathematics. This grant terminates on September 30, 1966. (GW-13)
2. \$55,650.00 granted by the National Science Foundation to the University for support of a "Summer Institute in Science for Secondary School Teachers," under the direction of Professor John S. Richardson, School of Education. This grant terminates on September 30, 1966. (GW-65)
3. \$41,010.00 granted by the National Science Foundation to the University for support of a "Summer Institute in Geology and the Nature of Science for Secondary School Teachers," under the direction of Professor Edmund M. Spieker, Department of Geology. This grant terminates on September 30, 1966. (GW-64)
4. \$31,632.00 from the W. K. Kellogg Foundation for the fifth payment on a six-year commitment to establish an experimental educational program for training medical dietitians.
5. \$26,905.00 granted by the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C., to the University for "Teaching and Traineeship Grant in Physical Therapy," under the direction of Professor Gladys G. Woods, for the period September 1, 1965 through August 31, 1966. (Grant VRA 209-T-66 and VRA 209-T-66, Amendment No. 1)

TOTAL - Through the Office of Business and Finance \$246,087.00

##### B. Received Through the Development Fund

1. \$84,500.00 from the Estate of Lucille Roberts, deceased, for the establishment of the Louis A. Roberts and Lucille Roberts Memorial Fellowship Fund.

##### Louis A. Roberts and Lucille Roberts Memorial Fellowship Fund

The Louis A. Roberts and Lucille Roberts Memorial Fellowship Fund was established November 23, 1965, by a bequest from Lucille Roberts (Mrs. Louis A.).

The principal is to be invested under rules and regulations adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

1. Louis A. Roberts and Lucille Roberts Memorial Fellowship Fund (continued)

The income shall be used for graduate fellowships. The awards are to be made on the recommendation of the Chairman of the Department of Chemical Engineering, approved by the Dean of the College of Engineering and/or the Dean of the Graduate School. The amount of the stipend shall be decided dependent upon the needs of the appointee but no awards shall exceed \$2,500 per annum. The awards shall be made to male, unmarried students who have scholastic ability, high personal integrity, and competence in oral and written expression. Any balance in income is to be held and used in succeeding years. More than one fellow a year shall be appointed if there is enough income on hand to substantiate it.

As a condition precedent to the acceptance of the fellowship award the fellow shall agree in writing to repay 10 per cent of the amount of the award to The Ohio State University within one year after his graduation. This payment is to represent an unrestricted grant to the University and is to be credited to the general fund of the University. The Board of Trustees of The Ohio State University shall determine all matters not covered by this grant and relating to the administration of the fund.

2. \$14,450.00 from Procter and Gamble Company, Cincinnati, Ohio, for research in the College of Dentistry.
3. \$10,000.00 from Smith, Kline & French Laboratories, Philadelphia, Pennsylvania, for research in infectious diseases in the College of Medicine.
4. \$5,000.00 from Merck & Co., Inc., Rahway, New Jersey, for arthritis and rheumatism research in the College of Medicine.
5. \$5,000.00 in securities from Mr. R. L. Ireland for the establishment of the R. L. Ireland Fund.

R. L. Ireland Fund

The R. L. Ireland Fund was established November 15, 1965, by a gift through the Development Fund from R. L. Ireland.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

Income and/or principal may be used as directed by the Dean of the College of Medicine to achieve the required support of the programs in medical research, teaching, and patient care.

6. \$4,275.00 from Ralph L. Boyer, Mt. Vernon, Ohio, to establish the Ralph L. Boyer Fund for Engineering.

December 9, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

7. \$3,600.00 from American Zinc Institute, Inc. for the American Zinc Institute Fellowship Fund.
8. \$3,500.00 from Goodyear Tire & Rubber Company for the Goodyear Foundation Fellowship Fund.
9. \$3,500.00 from Refractories Institute for research in the Department of Ceramic Engineering.
10. \$3,000.00 from Parke, Davis & Company (Research Laboratories), Ann Arbor, Michigan, for research in carbohydrate chemistry.
11. \$3,000.00 from United Health Foundation, Inc., Van Wert, Ohio, for cancer research in the College of Medicine.
12. \$3,000.00 from the Guernsey County Cancer Society for the Operation Eye Research Fund in the College of Medicine.
13. \$2,500.00 from Nationwide Mutual Insurance Company for the Nationwide Mutual Insurance Company Fund.
14. \$2,055.00 from The Friedman Foundation, Tiffin, Ohio, for the Band Special Fund.
15. \$2,000.00 from Jack S. Resler for the John B. Fullen Scholarship Fund.
16. \$2,000.00 from Midwest Cooperative Chemotherapy Group, Chicago, Illinois, for research in cancer chemotherapy in the College of Medicine.
17. \$1,500.00 from Ayerst Laboratories for the Ayerst Laboratories Fund.
18. \$1,000.00 from Fred A. Murphy for the Student Athlete Grant-in-Aid Fund.
19. \$1,000.00 from Harold F. Zieg for the Department of Athletics Discretionary Fund.
20. \$359.00 to be added to the \$4,641.00 reported on November 11, 1965. A total amount of \$5,000.00 from Dr. Joseph W. Kohn is now available for the establishment of the Joseph W. Kohn Fund.

Joseph W. Kohn Fund

The Joseph W. Kohn Fund was established November 1, 1965, by a gift through the Development Fund from Joseph W. Kohn, B.A. '29, M.S. '30, and M.D. '34.

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.



December 9, 1965 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

20. Joseph W. Kohn Fund (continued)

The income is to be used by the College of Medicine at The Ohio State University for any purpose whatsoever in the area of surgery; with this stipulation only, that during the lifetime of the donor, Dr. Joseph W. Kohn, he may make a recommendation to the Dean of the College of Medicine in any given year for a specific use of the income for that year and if said request is for an appropriate University purpose said recommendation shall be followed.

In the event that the College of Medicine as it now exists shall be altered in any reorganization of the University colleges, schools, and departments after the donor's decease, then the Board of Trustees or successor governing body of the University shall direct the use of the income for purposes within the field of medicine, with first preference to be given to items in the area of surgery, as recommended by the appropriate administrative official of the University then directly responsible for medical education at The Ohio State University.

TOTAL - Received Through the Development Fund \$155,239.00

C. Gift-in-Kind

A gift identified as the "Talfourd P. Linn Collection" of rare books to The Ohio State University Libraries has been received from Mr. Francis S. Linn, Zanesville, Ohio. The gift includes a collection of 114 items of rare books, early editions, and fine bindings of the works of Cervantes and has an appraised value of \$21,422.50.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the acceptance of the above grants and gifts was approved by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

In October, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,479	\$ 31,761.72
Individuals other than alumni	52	5,930.62
Nonprofit organizations	13	29,216.45
Business concerns	<u>15</u>	<u>62,770.90</u>
	1,564	\$129,679.69

Of these gifts, 1,239 totaling \$11,814.25 were undesignated and 325 totaling \$117,865.44 were designated.

December 9, 1965 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS

A. Appropriation for Research Project

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it is recommended that a sum not to exceed \$17,000.00 be appropriated from the University Treasurer Research Subaccounts (a) and (b) to the Department of Physics to be placed in a Cyclotron Rotary Account for use in shielding the cyclotron facility and for cyclotron maintenance for the fiscal year 1965-66.

Upon motion of Mr. Davis, seconded by Mr. France, the Board of Trustees by unanimous roll call vote approved the above appropriation of funds.

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VI. EXTRA AND CREDIT ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, it is recommended that the Extra and Credit Orders to Contracts as listed below be approved by the Board of Trustees.

A. Extra Orders to Contracts

1. Pharmacy Building	\$ 3,476.00
2. Installation of New Heating Boiler to Carry Medical Center Load	4,805.00
3. Utility Extension Northeast Corner of Campus, Power Line Extension	7,222.00
4. Sidewalk Repairs	<u>2,364.65</u>
Total	<u>\$22,868.65</u>

B. Credit Orders to Contracts

1. Pharmacy Building	<u>\$11,875.38</u>
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Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

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VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it is recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

VII. PLANS AND SPECIFICATIONS (continued)

A. Research Center Offices - Repairs and Improvements

This project includes conversion of existing basement space and storage space to offices and a conference room, modification and improvements to the central air conditioning system, and additional electric power services to the office area.

Funds will be provided from the Research Foundation.

B. Physics and Astronomy Building

This project is an addition to the present Physics Building for research and undergraduate laboratories and classrooms. It will also house the Department of Astronomy.

Funds for this project will be provided from Item 002, H. B. 202, and Item 005, S. B. 370.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board:

A. Repairs to Married Student Housing Community Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 11-4-65)		
The Vorhees Co. (Columbus)		
Base Bid	\$16,961.95	\$17,500.00
Alt. G-2 Foundation Skirt	<u>1,901.00</u>	<u>1,700.00</u>
Total Contract	<u>\$18,862.95</u>	<u>\$19,200.00</u>

Funds for this project will be provided from the Dormitory Maintenance Account.

December 9, 1965 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Baseline Project for Geodetic Science

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 11-9-65)		
Roland Getz (Mansfield)	\$22,400.00	\$25,000.00

Funds for this project will be provided from the University Treasurer Research Account, Budget Account 170202 and Budget Account 129020.

C. Pharmacy and Bacteriology Building Improvement

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 11-16-65)		
Comfort Contractors (Columbus)	\$ 5,662.00	\$ 8,000.00

Funds for this project will be provided from Budget Account 121658.

D. University Hospital - Repairs to Intensive Care Unit

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(1 bid received 11-23-65)		
Waller and Lund, Inc. (Columbus)	\$ 4,990.00	\$ 6,000.00
<u>Mechanical Contract</u>		
(3 bids received 11-23-65)		
Comfort Contractors, Inc. (Columbus)	14,276.00	17,000.00
<u>Electrical Contract</u>		
(3 bids received 11-23-65)		
Reco Electric (Columbus)	9,480.00	12,500.00
Total Contracts	<u>\$28,746.00</u>	<u>\$35,500.00</u>

Funds for this project are provided from the University Hospital Rotary.

Upon motion of Dr. Thomas, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 12 (Board of Regents)  
Transfers and releases \$100,000.00 from Item 006 University Branches to Item 038 The Ohio State University - Marion Branch, H. B. 949, to provide funds for architect's fees and miscellaneous planning expenses for the Marion Branch.

IX. CONTROLLING BOARD APPROVALS (continued)

- 24 Transfers \$2,000,000.00 from Item 032 Humanities Center to Item 044 Humanities Center, Language Building, H. B. 202, and releases \$125,000.00 for architect's fees and miscellaneous planning expenses for the Language Building.
- 26 Assigns Item Number 031, H. B. 202, to Graduate Research Center Biological Sciences and releases \$380,000.00 for architect's fees and miscellaneous planning expenses for the Graduate Research Center for Biological Sciences.
- 27 Releases \$80,000.00 from Item 018 Lima, Phase II, H. B. 202, to provide funds for architect's fees and miscellaneous planning expenses for the project Lima, Phase II.
- 28 Transfers \$1,223,000.00 from Item 032 to a new account, Item 045 Humanities Center, Speech Theater, H. B. 202, and releases \$80,000.00 for architect's fees and miscellaneous planning expenses for the Speech Theater.
- 33 Authorizes the award of contract without competitive bidding for the Spira-Park Garage at a cost not to exceed \$1,600,000.00.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Employment of Structural Engineers, Jones Tower

It is recommended that the engineering firm of Fling & Eeman, Inc. be employed to provide professional engineering services for the structural system, including design calculations, drawings, specifications, estimate of cost, checking shop drawings, and field supervision of construction.

The fee for all work except field supervision shall be calculated on the basis of .50 per cent of the general contract cost and field supervision shall be done at an hourly rate of \$13.00 for principals and \$8.50 to \$11.50 for engineers, but not to exceed .50 per cent of the general contract cost.

Funds will be provided from the Dormitory Construction Account.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

B. Acquisition of Property for Educational, Research, Housing, and Service Facilities

President Fawcett presented the following resolution for consideration by the Board of Trustees:

WHEREAS, The Ohio State University has acquired certain parcels of real property located between Eighth Avenue and Tenth Avenue, bounded on the east by Neil Avenue and on the west by State of Ohio lands; and

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of educational, research, housing, and service facilities, will be required to acquire most, if not all, of the land lying between Eighth and Tenth Avenues east of present State of Ohio land and west of Neil Avenue, except for the eastern one-half of the block bounded by Neil Avenue, West Eighth Avenue, Michigan Avenue, and West Ninth Avenue; and

WHEREAS, the Trustees of The Ohio State University deem that the acquisition of this land is mandatory in meeting the needs of the University and serving the people of the State of Ohio; and therefore, find it necessary to proceed with the acquisition of real property therefor;

NOW BE IT RESOLVED, that the Vice President for Business and Finance be authorized and directed to proceed with the purchase of the following described real estate with funds already appropriated and released from H. B. 202 for this purpose and, in the event negotiations to purchase said property at a fair and just compensation fail, then, pursuant to his statutory authority, the Director of Public Works for and on behalf of said Board of Trustees, shall be requested to exercise the right of "eminent domain" and acquire by condemnation for the State of Ohio, and said University, the following described real estate located in the City of Columbus, Franklin County, Ohio:

1. Being the south 86' of Lot 29, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 366 West Eighth Avenue. The owners of record are James D. and Helen V. Harville.
2. Being a 54' x 54' tract of the north side of Lots 29 and 30, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 1541-1543 Michigan Avenue. The owner of record is Lorene S. Legg.
3. Lot 36, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 404 West Eighth Avenue. The owners of record are Alice J. and John M. Bainter.
4. Lot 37, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 406-410 West Eighth Avenue. The owners of record are Jack B. and Hulda R. Smith.
5. Lot 38, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 412-414 West Eighth Avenue. The owners of record are John S. and Chidrina M. Urse.
6. Lot 39, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 418 West Eighth Avenue. The owner of record is Marie S. Mowery.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

7. Lot 40, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 420-422 West Eighth Avenue. The owners of record are Dallas S. Mathews and Virginia S. Milligan.
8. Lot 41, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 426 West Eighth Avenue. The owner of record is Miriam D. Owen.
9. Lot 42, Elizabeth J. McMillen's Homestead Addition, Columbus, Franklin County, Ohio, and commonly known as 432 West Eighth Avenue. The owners of record are Anthony J. and Anne M. Nespeca.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above resolution was adopted by unanimous roll call vote.

C. Mansfield Campus, Phase II, Employment of Architect

It is recommended that the Director of Public Works be requested to appoint the architectural firm of Thomas Gene Zaugg and Associates, Mansfield, Ohio, under a standard State contract, as project architect, under the direction of the University Architect, to prepare preliminary plans for the Mansfield Campus, Phase II.

Funds in the amount of not to exceed \$6,000.00 are hereby appropriated, estimated to be 1.2 per cent of the construction cost, from Budget Account 179999, with said funds to be restored to said account when the construction account for the subject project is activated.

Upon motion of Mr. Davis, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

D. Horticulture, Forestry, and Food Technology Center - Construction of New Facility

The College of Agriculture and Home Economics through its Department of Horticulture and Forestry serves a wide segment of agribusiness, including the food processing industry. It is, therefore, proposed that a new structure, located west of the Olentangy River and north of the Leonard W. Goss Laboratory, be designed and constructed and known as the Horticulture, Forestry, and Food Technology Center.

It is recommended that the University Architect be appointed as the project architect, and that the Vice President for Business and Finance be authorized to request funds for preliminary plans in the amount of \$33,000.00, which is 1.2 per cent of \$2,750,000.00, estimated to be the construction cost of the project with a total turnkey cost of \$3,500,000.00.

December 9, 1965 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Horticulture, Forestry, and Food Technology Center -  
Construction of New Facility (continued)

Funds for this project are available in Item 315-034, H. B. 949.

Upon motion of Mr. Bricker, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

XI. REPORTS

A. Report from President Fawcett Concerning the "Robert  
Lazarus Professorship in Population Studies"

President Fawcett reported that at the October 14, 1965 meeting of the Board of Trustees the establishment of the "Robert Lazarus Professorship" was approved with the understanding that the field to which the professorship would be applied was to be selected by Mr. Lazarus, Sr. in consultation with Dr. John Weaver, Vice President for Academic Affairs and Dean of Faculties.

The President further reported that Vice President Weaver and Mr. Lazarus, Sr. have now conferred and they have recommended that the professorship be known as the "Robert Lazarus Professorship in Population Studies," and that the following statement be included in the official records of the Board of Trustees:

ROBERT LAZARUS PROFESSORSHIP IN POPULATION STUDIES

The Robert Lazarus Professorship in Population Studies was established in 1965 by gifts from members of the Lazarus family in honor of his birthday. An alumnus of this University (1912), Robert Lazarus throughout his career as a business executive has provided leadership and enthusiastic support to many civic organizations concerned with enlargement of educational opportunities and advancement of human welfare.

It is hoped that the holder of this Professorship will provide leadership in the development of population studies on a University-wide basis, and will actively cooperate with scholars having interests in this field at other Ohio colleges and universities. Population studies as a field of learning shall be construed broadly to include both its scientific and humanistic aspects.

The duties of this Professorship may appropriately include the arranging of interdepartmental and inter-university seminars and symposia, advising of graduate students, and serving as a guest lecturer at undergraduate classes concerned with population problems. It is anticipated that his services would also include research and scholarly writing, advising governmental and civic organizations, and participation in programs concerned with reduction of international tensions and population pressures in overcrowded areas of the world.



XI. REPORTS (continued)

A. Report from President Fawcett Concerning the "Robert Lazarus Professorship in Population Studies" (continued)

Qualifications for appointment to this Professorship should preferably include extended teaching and research experience in the field of population studies, and a record of accomplishment in developing educational programs of substantial size and scope. Candidates should be broadly trained in the social sciences, and have demonstrated competence in the analysis of population statistics.

Recommendations for appointment to this Professorship should be made to the Board of Trustees of the University in accordance with the usual rules and procedures as they exist at the time of an appointment. The Professorship shall be administratively located in a single department, but interested scholars in other departments should be consulted in filling this position.

B. Reports from the Finance and Investment Committee

1. Purchase of Property - University Airport

Mr. Allyn, a member of the Finance and Investment Committee, presented the following recommendation and moved that it be approved:

On December 10, 1964, the Board of Trustees approved a report from the Finance and Investment Committee recommending purchase of a limited area of land adjacent to University Airport to be held in the Investment Portfolio.

In accordance with this action, it is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of approximately four acres of land from Walter S. Umbstaetter and Marjorie E. Umbstaetter at a price of \$2,000.00 per acre. This property is located adjacent to the west end of University Airport and is contiguous to other investment land holdings in this area.

Funds will be provided for this purchase from the Investment Portfolio and the property will be held in the name of the Board of Trustees of The Ohio State University.

Following a second of Mr. Allyn's motion by Mr. France, the above recommendation was approved by unanimous roll call vote.

2. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated November 30, 1965, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW  
OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY

Mr. Mervin B. France moved that the following resolution be adopted:

WHEREAS, the campus master plan prepared jointly by the Office of Campus Planning and the firm of Caudill, Rowlett, and Scott, and unanimously approved by the Board of Trustees on February 16, 1962, provides a new location for the President's House, thereby releasing valuable land area for student oriented purposes in a section of the campus which is in close proximity to a major complex of student residence halls;

WHEREAS, on the basis of the specifically designated gifts and pledges received during the years 1963-64 from friends of the University, some of whom are not graduates of Ohio State, the Board of Trustees on November 6, 1964, authorized the appointment of the firm of Cellarius and Hilmer as project architects, under the direction of the University architect, to prepare preliminary plans for a President's House to be constructed entirely from funds donated to the University for this express purpose;

WHEREAS, the Board of Trustees now has in hand cash and pledges in the amount of \$305,616.22 which have been specifically designated for the construction of the President's House;

WHEREAS, these said gifts have been designated for the construction of a President's House and can not be used for any other purpose; and

WHEREAS, the Board of Trustees is firmly committed that any additional costs needed for site improvement, utilities, and furnishings will be from contributions made by friends of the University who designate their gifts for this project;

NOW BE IT RESOLVED, that the aforesaid architects be authorized to complete plans, specifications, bidding documents, etc. in accordance with the November 6, 1964 action of the Board of Trustees and that the Vice President for Business and Finance be authorized to proceed with the implementation of the project following normal procedures. The construction costs are not to exceed \$300,000.00.

The motion to adopt the above resolution was seconded by Dr. Bertram D. Thomas and upon a roll call the resolution was adopted by a seven to one vote.

The following is the Secretary's record of the discussion which preceded the roll call vote on the above resolution;

Dr. Thomas in seconding the motion commented as follows:

A comment is not necessary in seconding the motion, but I would like to say that the resolution we have before us is clearly to the financial benefit of the State and a necessary improvement to the University; and, I therefore second the motion.

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW  
OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY (continued)

Mr. Ketterer:

I would like to indicate my approval of this motion by stating briefly my reactions to some of the many statements which have been made about this project over the past several months. Some can be labeled as distortions, some are nothing but positive untruths, some have insisted that this project is a self-aggrandizement proposal on the part of the President of the University.

I have the greatest respect for the administration and the President of the University. I have respect for the service that he has offered as the chief executive officer of this University. If I felt for a minute that this program was ill-advised or for his self-exultation, I would be one of the first to oppose it. A moment's reflection will show how foolish such an assumption (regarding self-aggrandizement) is. The President must remove himself from the University in due course of time and, therefore, to conclude that the house is a facility for the benefit of Dr. Novice G. Fawcett is ridiculous. It will become a facility of the University for his successors for many years to come. We have a precedent for moving the location and constructing a new house for the President. In the history of the University, I remember well the location of the President's House in 1920 when I came here as a student. Dr. William Oxley Thompson was living in a house located on High Street. In 1926 our beloved Dr. George Rightmire moved to the new structure, the building now occupied by the President. I doubt that anybody would have said Dr. Rightmire moved into a new residence as a means of exulting himself.

There is another statement made concerning the cost of the project. I hope there has been close attention paid to the substance of the resolution made by my friend Mr. France. We are committing ourselves that the overall cost of the house will not be more than \$300,000.00. We are further committing ourselves to the promise that the house, the improvement of the site, and furnishings will be met by funds that are not of taxpayer origin. I think it should not be necessary to say that the facility is needed; that the present house is poorly located; and that it is entirely outmoded as a structure for the size of The Ohio State University.

I grew up in a rural section of the State and the saying "Never look a gift horse in the mouth" was common to hear. We have funds offered to the University as Dr. Thomas has pointed out. These funds cannot be used for any other purpose. The improvement of the site and furnishings will be supported by donations for that purpose. We are left with only one thing--real estate. Certainly no one would compare the value of the new site with the high value of the land in the center of the campus where the house is now located. I should really count myself as remiss if I failed to support this resolution.

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY (continued)

Mr. Shocknessy:

I would like to ask a question and make a statement--Are the drawings of the proposed house available this morning? I saw them a couple of months ago.

Mr. Carson responded:

I have no drawings here.

Mr. Shocknessy continued:

We have the drawings here for the Center for Tomorrow. We have no drawings for this house. I want the record to show that these drawings are not here. I don't know whether Dr. Thomas saw them. I know he was not there the night they were shown.

I don't defer to anybody in my respect for the President, Mr. Ketterer, and members of the Board, most of whom have been here longer than I have. I have respect for the President. I do not consider this project for his aggrandizement nor as a reward to him; neither do I believe that it is material what the source of the funds is. I think the construction of a monumental type house in these times presents a false standard of values, and I think further that the construction of a monumental type house at this time is out of tune with the times. Monumental type houses of this kind that would have been understood if the drawings were here are almost impossible to staff. Anybody who has had any experience staffing knows that the trend in these times is to smaller houses and simpler living. I am not impressed with the argument that the house is to be used for entertainment purposes, because entertainment in these times is generally being accomplished in public facilities where private help and domestic help are not required; even that is an overstatement because domestic help to staff large entertainments is at a premium.

I conclude by asserting my respect for the President and my belief in him as an administrative officer, and I believe it is out of tune with the times and it represents a false standard of value.

Mr. Davis:

I have appropriate respect for the views of my distinguished colleagues--John Ketterer eloquently stated the whole story. There are a couple additional comments that I would like to make. There has been discussion about the adequacy of the present facility. I am willing to concede that it is all right as a place for the President and his lady to eat and sleep. I think it is equally obvious that for the various and official significant responsibilities--responsibility to the present faculty, students and their families, and distinguished guests--a new structure is needed.

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW  
OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY (continued)

My good friend Jim (Shocknessy) used the word 'monumental' several times. I don't know what it means. I do know that on the basis of the preliminary plans developed up to date and plans for revising them, the house that will be constructed will be nothing more than what is adequate and necessary for the responsibilities for the head of this great University.

I would like to express on behalf of the people of Ohio the sincere sense of gratitude for those who have made provision for a fund to cover the cost of a house, for those who have come as friends of the University to provide the funds--the wherewithal to provide an official residence that will be in keeping with the high quality of the faculty and other facilities of this great University. I cannot believe that there are any other objectives by those public spirited individuals who understand the uses for the house. I think we are greatly indebted to them.

For those who still doubt the wisdom of the action, I predict that within a very few years--not more than five years--the wisdom of this action will be seen and thank God for those persons who have made it possible. I am pleased to be on the Board at this time and support this resolution.

Mr. Allyn:

I have great confidence that the Vice President for Business and Finance will be able to keep the construction costs within the amount of \$300,000.00, which is the amount we are committing.

Mr. Shocknessy:

The site improvement is going to be independently provided--the site improvement and furnishings.

Mr. Loop:

As Chairman of this Board, it would be difficult to supplement the very effective statements that have been made here this morning. In my opinion, since we all serve as representatives of the people of Ohio, it is the objective of doing what is best in our judgment. Those who have attempted to make this project connected with President Fawcett and as something to be appraised in 1965-66 rather than for the long time good of this University--those individuals who have chosen this course have rendered a great disservice to the University and its effectiveness.

XII. RESOLUTION AUTHORIZING COMPLETION OF PLANS FOR A NEW OFFICIAL RESIDENCE FOR THE PRESIDENT OF THE UNIVERSITY (continued)

Mr. Bricker:

I have had lunch with Fred Jones regularly, and he told me at the last luncheon I had with him that he was in favor of this project. There is no provision in our By-Laws for a proxy vote, but I do wish that it might show in our minutes that he favors this structure.

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XIII. PROGRESS REPORT ON THE PROPOSED TWO-YEAR GENERAL COLLEGE

President Fawcett introduced Professor Richard H. Zimmerman whose appointment was approved on October 14, 1965, as Dean of the proposed two-year General College to be established on the campus of The Ohio State University west of the central academic area. In presenting Dean Zimmerman, President Fawcett requested that he give a report of progress on the development of the two-year General College.

A summary of Dean Zimmerman's report is as follows:

The Ohio Board of Regents, in its 'Provisional Master Plan for Public Education in Ohio,' April, 1965, is committed to the development of two-year commuting colleges throughout the State of Ohio. Constraints are being placed on central-campus institutions to foster and encourage the development of the two-year colleges, and thereby, decentralize lower-division education. The Board of Regents foresees that lower-division study on a central campus will eventually be restricted to resident students, specialized curricula and, possibly, the academically elite. Central campuses are to give increased attention to upper-division, professional, and graduate instruction. In the future, the decentralized two-year system will handle the great majority of all lower-division college students.

In addition to the establishment of branches throughout the State, the Regents are recommending that a number of existing universities in heavily populated regions of Ohio establish and assist the development of two-year colleges. The Regents' Provisional Master Plan states, 'The Ohio State University should provide a two-year general college program on a commuting basis serving primarily undergraduate students residing in the Columbus metropolitan area.'

In May, 1964, President Fawcett proposed the establishment of a two-year general college on the campus of The Ohio State University west of the central academic area. On December 22, 1964, President Fawcett appointed a committee of five faculty members to work with Vice President Weaver in the development of educational plans for the college. The results of this study are contained in a report recently submitted to President Fawcett and Vice President Weaver.

XIII. PROGRESS REPORT ON THE PROPOSED  
TWO-YEAR GENERAL COLLEGE (continued)

The report proposes a plan for lower-division study on the Main Campus of The Ohio State University. A major portion of the report presents the proposed educational role for the two-year college to be located on the West Campus (within the Main Campus) of The Ohio State University. Certain recommendations on the interrelationships of all lower-division curricula, believed to be necessary in establishing the role of the new college, are included.

The recommended educational role for the new college involves two curricular functions found in nearly every one of the approximately 800 junior colleges in the United States, along with one function which is rarely found elsewhere. It is proposed that the college offer a two-year lower-division collegiate curriculum--preparatory to upper-division transfer, and two-year terminal education (both types constitute normal functions for a junior college). Additionally, the University College should offer one-year preparatory-transfer study--freshman collegiate curricula preparatory to sophomore study in degree colleges. The educational role being proposed for the two-year college does not include adult and vocational education, both of which are commonly offered in junior colleges.

The essential difference between the proposed two-year college and a typical junior college would be (a) the one-year preparatory transfer curricula, (b) the types of terminal programs which would be made possible, when needed, by the proximity of certain physical facilities on the Main Campus, (c) the intended experimentation with two-year transfer programs, and (d) the curricular articulations resulting from the college being an integral part of The Ohio State University--with associated implications relative to administrative, instructional and service units, and the physical facilities in general.

The report recommends certain 'first principles' for the new college, principles which are vital to its achieving any significant degree of acknowledged academic success. They are: (1) Excellence in teaching and counseling. While a faculty member in a degree college normally is engaged in a broad spectrum of professional activities, there would be few major important purposes for a faculty member in the proposed college other than excellence in both teaching and counseling. (2) Simplicity. The college cannot afford to try to be 'all things to all people.' It should attempt only several educational functions, and concentrate on doing them well. (3) Emphasis on improved instructional features. Faculty members in the new college, while not obligated to become engaged in non-pedagogical research, would be expected to place considerable emphasis in their work upon the development and use of improved instructional features. (4) Emphasis on curricular and functional articulation with other parts of the University. The heavy emphasis on transfer programs within the new two-year college requires that constant, careful attention be given to the prevention of discontinuities in curricula and standards between the degree colleges and the

December 9, 1965 meeting, Board of Trustees

XIII. PROGRESS REPORT ON THE PROPOSED  
TWO-YEAR GENERAL COLLEGE (continued)

two-year college. Additionally, care must be taken in establishing functional articulation within the Main Campus. (5) Separate budgetary control. The college is entitled to its own separate budget--not a budget first filtering through other colleges. (6) Image. Two difficult and highly interrelated problems facing The Ohio State University when searching for the optimal educational role for the new two-year college are those of stigma and matriculational division of students. The image of the college must be protected, so that it can serve in the future as an important source of sophomores and juniors for the degree colleges.

President Fawcett and Chairman Loop commended Dean Zimmerman on the excellent presentation and the progress being made in the development of the plans for the proposed two-year college. Dr. John C. Weaver, Vice President for Academic Affairs, commented that Dean Zimmerman and the other four faculty members working on this assignment had worked diligently in a most creative manner on the development of an answer to a most difficult problem in higher education. In addition to Dean Zimmerman, the other faculty members on the committee are as follows: Professor Elmer F. Baumer, Department of Agricultural Economics and Rural Sociology; Professor Robert C. Fisher, Department of Mathematics; Professor Edwin W. Robbins, Vice Chairman of the Department of English; and Professor Delos D. Wickens, Department of Psychology.

The Secretary was instructed to file the report of the committee with the official records of the Board of Trustees.

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Thereupon the Board adjourned.

Attest:

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John T. Mount  
Secretary

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Alan B. Loop  
Chairman



APPENDIX VII

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

December 17, 1965

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## RECIPIENTS OF HONORS

FRANCIS H. GRISWOLD

DOCTOR OF PUBLIC ADMINISTRATION

*Outstanding educator and airman, whose lifelong service to his country has been dedicated to the cause of peace*

Francis H. Griswold, former Commandant of the National War College, retired from the United States Air Force with the rank of Lieutenant General after a brilliant career as a military leader and educator. General Griswold exemplifies the role of scholar, educator, airman, and scientist of the twentieth century.

As Commandant, he was responsible for the administration and development of the curriculum of the National War College. This formidable institution provides an educational program not only for the leaders of the United States Departments of Defense, State, and Commerce and for executives from other agencies involved in national security, but also for leading figures from friendly governments as well. The fact that the National War College has been called the world's greatest institution dedicated to national security and peace testifies to the stature of the man who served as its head.

During the 1950's, General Griswold played a vital role in the creation, maintenance, and operation of the Strategic Air Command. As Deputy Commander-in-Chief, he was a key member of the leadership team which led the Command and which made it a major force in preserving the peace.

An illustrious graduate of The Ohio State University, General Griswold has been decorated by the British, French, and Polish governments. He is the recipient of the Order of the Knights of the British Empire, the Legion of Honor and Croix de Guerre with Palm from the Republic of France, and the Order of Polonia Restituta of the Polish Republic. His own country has honored his achievements by awarding him the Distinguished Service Medal, the Legion of Merit with one oak leaf cluster, and the Air Medal.

General Griswold's outstanding service, especially his great skill in translating national policy into the curriculum of the educational institution which he commanded, will continue to have a significant impact on our government as it seeks to chart its future course as a leader in the world family of nations.

**HENRY E. HOAGLAND**  
**DOCTOR OF LAWS**

*Inspiring teacher, distinguished author, effective public servant,  
creative scholar in finance*

Henry E. Hoagland, Emeritus Professor of The Ohio State University, has brought distinction to this institution by his outstanding service as a creative teacher and as a leading contributor to the thought in his academic field. He has inspired many of his students to carry on and extend his educational mission, and he has served as advisor and aide in administrative assignments of major significance.

Dr. Hoagland is nationally respected for his services as a pioneer member of the Federal Home Loan Bank Board in the 1930's and for his far-sighted wisdom and responsible leadership in shaping the savings and loan industry. Even to the present day, he has continued to serve with distinction as a consultant to the savings and loan industry and has brought to its problems a learned understanding of the American economic system.

From 1920 until his retirement in 1956, Dr. Hoagland served as Professor of Business Finance in the Department of Business Organization of this University. His students best remember Dr. Hoagland as a dynamic classroom teacher who took no dogma for granted. They remember, too, the challenge in his comments and his ready humor. He inspired creativity in research and satisfaction with nothing less than the highest level of scholarship.

During World War II, Dr. Hoagland served this University with distinction as Chairman of the Committee on Emergency Cooperation with Federal and State Government. This committee was responsible for marshaling faculty and student efforts required by the war emergency.

*Corporation Finance*, published in 1933, was the first of three college texts by Dr. Hoagland. In 1940, when real estate courses were in a formative stage, his pioneer text, *Real Estate Principles*, did much to crystallize course content for students of real estate. In 1954, his book, *Real Estate Finance*, fulfilled the need for advanced-level treatment of the field and, in revised edition, is widely used today. As a contributing editor to *The National Savings and Loan Journal*, monthly magazine of the National League of Insured Savings Associations, Dr. Hoagland has been an important force in educating and guiding professionals in the newest developments in real estate finance.

Since retirement from teaching, Dr. Hoagland has continued the scholarly interests and activities which made him an eminent leader in his field in his generation.

N. PAUL HUDSON  
DOCTOR OF SCIENCE

*Internationally known virologist and medical pioneer, distinguished teacher and administrator of graduate and professional education*

The name of N. Paul Hudson, Professor Emeritus of The Ohio State University, is pre-eminently associated in scientific circles with the West African Yellow Fever Commission. The work of Dr. Hudson and his colleagues on this Commission affords a superb example of the heroic age of infectious disease research in which a small group of highly dedicated investigators, at great personal risk, went into the field to meet the challenge of one of the world's great epidemic diseases. Their work paved the way for rapid advance in the investigation and control of yellow fever and served as a model of subsequent investigation of other virus diseases, providing much of the fundamental knowledge needed for their control.

Dr. Hudson received the Ph.D. from the University of Chicago and the M.D. from Harvard Medical School. James Millikin University, from which he received the A.B. degree, conferred an honorary Sc.D. degree upon him in 1951. His distinguished university career began as Professor of Virology at the University of Chicago and continued at The Ohio State University as Professor and Chairman of the Department of Bacteriology, Dean of the Graduate School, Research Professor of Bacteriology, and Assistant Dean of the College of Medicine. His professional ability, scholarly excellence, his capacity to excite students, and his patient and sympathetic attitude toward them made him an effective and esteemed teacher and administrator.

Dr. Hudson was the Rockefeller Foundation representative for the War Health Program in London during the bombing of Britain, observing and supervising the first European trials of the newly developed influenza vaccine. As a consultant to the War Department during World War II, he helped to establish and direct the research program in defensive measures related to the use of biological warfare. His sound judgment on technical matters and his skill in working with people made him an invaluable contributor to this program.

Dr. Hudson's research and contributions to scientific knowledge, his concern for the intellectual growth of his students, his zeal in strengthening the standards for graduate education, and his war-time service with the government all testify to his deep convictions on the duties and responsibilities of a scientist and a scholar and to his stature in that dual role.

**MORRIS SILVERMAN**  
**DOCTOR OF HUMANE LETTERS**

*Eminent religious and civic leader whose life has been dedicated to the spiritual enlightenment of mankind and to the cause of human dignity*

Morris Silverman, Rabbi Emeritus of Emanuel Synagogue, Hartford, Connecticut, has left an indelible mark and attained unusual distinction in several fields. He is recognized internationally for his scholarly contributions to liturgy. His pioneering and unremittent efforts in the field of civil rights have received many evidences of admiration and recognition, including an expression of gratitude from the President of the United States.

The five degrees which Morris Silverman has earned attest to his basic and comprehensive preparation for his many accomplishments. He has an A.B. from The Ohio State University; an M.A. from Columbia University; and the degrees of Rabbi, M. Hebrew Litt., and D. Hebrew Litt., from Jewish Theological Seminary of America. The honorary D.D. bestowed upon him by the Seminary was but recognition among his peers of his substantial achievements.

A liturgical scholar for more than 30 years, Dr. Silverman has produced a number of prayer books that are used by all congregations of Conservative Judaism, Hillel Foundations, summer camps, and United States armed forces throughout the world. He has made notable contributions to our knowledge and understanding of the history and development of Jewish liturgical texts. His scholarly endeavor required a thorough command of the Hebrew language, of the major rabbinic sources, and of a wide variety of historical and theological materials, in addition to a mastery of English style. His superb editions and translations are striking evidence of his deep learning and of the sensitivity with which he writes the English language.

On the humanitarian front, Dr. Silverman has often been a pioneer and always an indefatigable worker. He has served on the Connecticut State Commission on Civil Rights for 22 years, six as Chairman. He has appeared before Congressional Committees and other national groups on behalf of the rights of his fellow beings. His service as a spokesman for social justice led to a sponsored trip around the world on behalf of all Americans to present the facts about the civil rights movement and its accomplishment—actual and potential—in the United States. Through his work, Dr. Silverman has contributed to the alleviation of human suffering, to the betterment of inter-faith relations, to the reestablishment of human dignity, and to the elevation of the downtrodden and underprivileged in our society.

A man of extraordinary talent and ability, Morris Silverman is dedicated to his professional calling, to scholarship, and to the preservation and advancement of basic human values.

SMITH L. RAIRDON  
THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Industrial and civic leader, dedicated alumnus  
and trustee of The Ohio State University*

Smith L. Rairdon has been an effective and productive partner of The Ohio State University for more than four decades. Only he can know the extent to which his undergraduate years instilled in him the sense of duty toward his alma mater which later led to the major positions of leadership he has held in behalf of Ohio State. Yet the record is clear. Smith Rairdon has left a permanent mark of outstanding service to this institution, both as a trustee and as an alumni leader.

From 1949-1951, Mr. Rairdon served as national president of The Ohio State University Association, the official alumni organization, and was completing a seven-year term on the Alumni Advisory Board when he was appointed to the Board of Trustees of the University. He has also served as chairman of the Advisory Committee of the College of Commerce and Administration and was the first person to be selected as an honorary member of the Ohio State chapter of Beta Gamma Sigma, commerce honorary society.

Appointed a trustee in 1958, Mr. Rairdon was a creative participant in the development of University policy during his seven-year term. As chairman, his long-standing loyalty to the welfare of Ohio State and his broad experience in business affairs were brought to bear on the task of guiding this institution during a period of unprecedented growth and development. Those same personal values which led him to assume positions of civic leadership and to exemplify in his own home the best traditions of family life added a rich dimension of understanding to his work in behalf of Ohio State students.

Mr. Rairdon is an executive vice president and a member of the board of directors of Owens-Illinois Glass Company.

## GRADUATE SCHOOL

Dean: RICHARD ARMITAGE

### Doctor of Philosophy

- Dorothy Adalis, B.S.H.E., A.M. (West Virginia University) ; M.Sc.  
Weirton, W. Va.  
*Dissertation: An Appraisal of Broad Subject-Matter Areas in the  
Pre-service Preparation Program of Biology Teachers in  
West Virginia*  
*Field of Specialization: Education*
- Satish Kumar Aggarwal, B.A., M.A. (Punjab University)  
Rajpura, Punjab, India  
*Dissertation: Diophantine Inequalities in Fields of Formal Laurent  
Power Series*  
*Field of Specialization: Mathematics*
- James Kenneth Baker, B.S., M.S. (Oklahoma State University)  
Stillwater, Okla.  
*Dissertation: Determining Employment Opportunities and Educational  
Needs for Animal Science Technicians in Ohio*  
*Field of Specialization: Agricultural Education*
- Richard Allen Ball, B.S., A.M. (West Virginia University) . . Keyser, W. Va.  
*Dissertation: Neutralization as a Self Factor in Delinquency Risk*  
*Field of Specialization: Sociology and Anthropology*
- Ronald Herman Ballou, B.M.E., M.B.A. . . . . Columbus  
*Dissertation: Multi-echelon Inventory Control for Interrelated and  
Vertically Integrated Firms*  
*Field of Specialization: Business Organization*
- George Baum, B.S. in Ind. Chem. (Case Institute of Technology) ; M. Sc.  
Dayton  
*Dissertation: Studies of Synthesis of Benzocyclopropenes:  
I. Thermolysis and Photolysis of Indazoles  
II. Aryne Cyclization Processes*  
*Field of Specialization: Chemistry*
- Harbans Singh Bhola, B.A., M.A. (English), M.A. (History) (Punjab  
University) ; M.S. in Ed. (Indiana University) . . New Delhi, India  
*Dissertation: A Theory of Innovation Diffusion and Its Application to  
Indian Education and Community Development*  
*Field of Specialization: Education*
- Jane Pycraft Bibler, A.B. (Miami University) ; M.Sc. . . . . Lorain  
*Dissertation: Studies of the Sulfur Dioxide Insertion of Some Metal  
Complexes*  
*Field of Specialization: Chemistry*
- Ned Eugene Bibler, B.S. (Denison University) ; M.Sc. . . . . Bucyrus  
*Dissertation: The Tritium Beta-Ray Induced Reactions in Deuterium  
Oxide Vapor and Hydrogen or Carbon Monoxide and  
the Exchange of H-Atoms with Water Molecules*  
*Field of Specialization: Chemistry*
- Inez Moore Boddy, B.S. (Wilberforce University) ; B.S. in L.S.  
(Western Reserve University) ; M.A. . . . . Wilberforce  
*Dissertation: The Relationship Between Librarians and Audio-visual  
Specialists in Colleges and Universities and the Role of  
Each in the Academic Process*  
*Field of Specialization: Education*



- Thomas Alan Breiter, B.S. (Mankato State College, Minnesota); M.Sc.  
Lake Crystal, Minn.  
*Dissertation: On the Lebesgue Property and Related Topics*  
*Field of Specialization: Mathematics*
- David Joseph Brophy, B.A., B. Com. (Saint Francis Xavier University);  
M.B.A. (University of Detroit)  
Summerside, Prince Edward Island, Canada  
*Dissertation: Liquid Asset Composition of Large Nonfinancial Corporations, 1957-1962*  
*Field of Specialization: Business Organization*
- Herbert Duane Brum, B.Sc. in Agr., M.Sc. .... Marietta  
*Dissertation: Non-farm Agriculture Employment Opportunities and Training Needs in Ohio*  
*Field of Specialization: Agricultural Education*
- Michael Shelton Caldwell, B.S.B.A. (University of Arkansas); M.S.E.  
(Henderson State Teachers College) .... Hot Springs, Ark.  
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*Field of Specialization: Education*
- David Alan Chatfield, Met. Engr. (University of Cincinnati); M.Sc.  
Lancaster  
*Dissertation: Interface Motion and Concentrations in Multiphase Diffusion Couples*  
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- James Edward Christiansen, B.S. in Agr., M. Agr. Ed. (University of Arizona) .... Tempe, Ariz.  
*Dissertation: The Adoption of Educational Innovations Among Teachers of Vocational Agriculture*  
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*Dissertation: A Review and Experimental Assessment of the Generalization Decrement-Discrimination Hypothesis of Extinction*  
*Field of Specialization: Psychology*
- James Laurence Corey, B.S. (University of Florida); M.S. (University of Maine) .... St. Petersburg, Fla.  
*Dissertation: The Radiolysis of Liquid Nitromethane*  
*Field of Specialization: Chemistry*
- Benjamin Anthony DeGraff, Jr., B.A. (Ohio Wesleyan University); M.Sc.  
Cuyahoga Falls  
*Dissertation: The Photochemistry of Formaldehyde*  
*Field of Specialization: Chemistry*
- Charles Ward Dodrill, B.A. (Glenville State College, West Virginia); M.A.  
(University of Kansas) .... Westerville  
*Dissertation: History of Speech and Theatre at Otterbein College, 1847-1950*  
*Field of Specialization: Speech*
- Li-jen Du, B.S. in Eng. (National Taiwan University); M.Sc.  
Hsing-Chu, Taiwan, China  
*Dissertation: A Study of Electrodynamics Involving Moving Media*  
*Field of Specialization: Electrical Engineering*
- Vishwa Chander Dumir, B.A., M.A. (Punjab University)  
Hoshiarpur, India  
*Dissertation: Diophantine Inequalities for Quadratic and Other Forms*  
*Field of Specialization: Mathematics*

- Robert Fred Durnford, B.S. in E.E., M.S. in E.E. (Montana State College)  
Bozeman, Mont.  
*Dissertation: Induction Motor Control by Rotor Circuit Solid-State Devices*  
*Field of Specialization: Electrical Engineering*
- Harry Allen Ecker, B.S. in E.E., M.S. in E.E. (Georgia Institute of Technology) .....Dayton  
*Dissertation: Study of Directivity Optimization for Linear Antennas*  
*Field of Specialization: Electrical Engineering*
- Thomas Peter Enger, B.A., M.A. (Montana State University)  
Missoula, Mont.  
*Dissertation: Protectionism and Development*  
*Field of Specialization: Economics*
- Mary Heyward Ferguson, A.B., M.A. (Duke University) .....Delaware  
*Dissertation: The Debate Between the Body and the Soul: A Study in the Relationship Between Form and Content*  
*Field of Specialization: English*
- W. Bruce Finnie, B.A. (University of Akron); M.A. (Columbia University)  
Akron  
*Dissertation: A Structural Study of Six Medieval Arthurian Romances*  
*Field of Specialization: English*
- Thomas James Fitzgerald, B.S. in Phar. (Union University); M.Sc.  
Troy, N. Y.  
*Dissertation: A Study of the Kinetics of the Acid-catalyzed Hydrolysis of Colchicine and Some Related Tropolone Methyl Ethers*  
*Field of Specialization: Pharmacy*
- Jack LeRoy Flinner, A.B. (Wittenberg University); M.S. (University of Illinois) .....Springfield  
*Dissertation: The Elastic Scattering of Deuterons from Nitrogen 14 Between 1.8 MeV and 5.5 MeV*  
*Field of Specialization: Physics*
- †Gordon Foster, A.B. (Oberlin College) M.Ed. (Miami University) ..Oxford  
*Dissertation: The Use of Selected Content from the Humanities in Graduate Training Programs for Educational Administrators*  
*Field of Specialization: Education*
- Edward Herbert Fowler, B.S. in Agr. (University of New Hampshire); B.S., M.S., D.V.M. (Michigan State University) ..Raymond, N. H.  
*Dissertation: Enzyme Histochemical Studies of Canine Neoplasms in Vivo and in Vitro*  
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- Frederick John Fraikor, B.S. in Met. E. (Carnegie Institute of Technology)  
Duquesne, Pa.  
*Dissertation: Vacancy Concentration and Precipitation in Quenched Pure Gold and Gold-Silver Alloys*  
*Field of Specialization: Metallurgical Engineering*
- Charles George Fry, A.B. (Capital University); M.A. ....Circleville  
*Dissertation: Matthias Loy, Patriarch of Ohio Lutheranism, 1828-1915*  
*Field of Specialization: History*
- Devendra Kumar Garg, B.Sc. in Ag., M.Sc. in Ag. (Agra University)  
Bijnor, India  
*Dissertation: Effect of Photoperiod, Temperature, Nitrogen, and Gibberellic Acid on Rhizome Growth and Differentiation in Cyperus Esculentus L.*  
*Field of Specialization: Agronomy*

† Degree granted in cooperation with Miami University.

- Joseph Michael Genco, B.S. in Ch.E. (Case Institute of Technology) ; M.Sc.  
Cleveland  
*Dissertation: A Study of Azeotropy and Its Effect on the Critical  
Region of Binary Systems: The Perfluoro-Methylcyclo-  
hexane-Isomeric Hexane Systems*  
*Field of Specialization: Chemical Engineering*
- Milton Benjamin Goldinger, B.A., M.A. (University of Maryland)  
Baltimore, Md.  
*Dissertation: The Moral Justification of Punishment*  
*Field of Specialization: Philosophy*
- Sister Richard Mary Grimes, B.A. (Saint Joseph's College for Women,  
New York) ; A.M. (New York University) ..... Columbus  
*Dissertation: Hemingway: The Years with Esquire*  
*Field of Specialization: English*
- Larry Eugene Grisvard, B.A. (University of Toledo) ; M.A. (Bowling  
Green State University) ..... Cape Girardeau, Mo.  
*Dissertation: The Final Years: The Ludlow and Smith Theatrical Firm  
in St. Louis, 1845-1851*  
*Field of Specialization: Speech*
- Kanji Haitani, B.A. (Ohio Wesleyan University)  
Chikusa-Ku, Nagoya, Japan  
*Dissertation: Japan's Export Trade: Its Structure and Problems*  
*Field of Specialization: Economics*
- Mohamed Yousry Hamdy, B.M.E. (Cairo University) ; M.S.  
(Michigan State University) ..... Cairo, Egypt  
*Dissertation: Theoretical Analysis of Centrifugal Threshing and Separ-  
ation*  
*Field of Specialization: Agricultural Engineering*
- Rajinder Jeet Hans, B.A., M.A. (Punjab University) ..... Punjab, India  
*Dissertation: Some Results on Lattice Packings and Coverings*  
*Field of Specialization: Mathematics*
- Mantaro Joseph Hashimoto, B.A., M.A. (University of Tokyo)  
Ota-shi, Gumma-ken, Japan  
*Dissertation: Phonology of Ancient Chinese*  
*Field of Specialization: Linguistics*
- John Ervin Holman, B.S. in Agr., D.V.M. (University of Missouri)  
Kensington, Md.  
*Dissertation: Pathogenesis of Porcine Polioencephalomyelitis in the  
Germfree Pig*  
*Field of Specialization: Veterinary Pathology*
- †Larry Wayne Hughes, B.Edu., M.Edu. (University of Toledo) .... Kenton  
*Dissertation: The Organizational Climate Found in Central Adminis-  
trative Offices of Selected Highly Innovative and Non-  
innovative School Districts in the State of Ohio*  
*Field of Specialization: Education*
- James Riddle Hundley, Jr., B.Sc. in Agr.; M.S. (University of Wisconsin)  
Eldorado  
*Dissertation: A Test of Theories in Collective Behavior: The National  
Farmers Organization*  
*Field of Specialization: Sociology and Anthropology*
- Fern Ensminger Hunt, B.Sc. in H.E., M.Sc. .... Mt. Perry  
*Dissertation: Handling and Storage of Commercially Frozen Food in  
Households in Ohio and Effect of Certain Practices on  
Bacterial Survival*  
*Field of Specialization: Home Economics*

\* Degree granted in cooperation with Miami University.

- Robert Elwood Hunter, Aero. Engr. (University of Cincinnati) ; M.Sc.  
Waynesville  
*Dissertation: Exploring the Feasibility of the Electrodeless Colloid Thruster*  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- LaDon Jerome Johnson, B.S. (North Dakota Agricultural College) ; M.S.  
(North Dakota State University) ..... Grandin, N. Dak.  
*Dissertation: Relation of Certain Physiological Measures to Performance in Growing Beef Cattle*  
*Field of Specialization: Animal Science*
- Earl Franklin Kantner, B.Sc. in Agr., M.Sc. .... Wapakoneta  
*Dissertation: Adapting the FFA to a Changing Program of Vocational Agriculture*  
*Field of Specialization: Agricultural Education*
- John Michael Keenan, B.A., M.S. (University of Colorado) .. Pendleton, Ore.  
*Dissertation: A Study of Suboptimization with a Management Game*  
*Field of Specialization: Business Organization*
- Debi Charan Khan, B.S. (Hons.), M.S. (University of Calcutta)  
Howrah, West Bengal, India  
*Dissertation: A Neutron Diffraction Study of Cobaltous Oxide*  
*Field of Specialization: Physics*
- Sara Beth Greene Kiesler, S.B. (Simmons College) ; A.M. (Stanford University) ..... Portola Valley, Calif.  
*Dissertation: An Experimental Study of Gratitude*  
*Field of Specialization: Psychology*
- Stanley Su Soon Kim, B.A. (University of Hawaii) ; M. Social Work  
Honolulu, Hawaii  
*Dissertation: A Configurational Approach to Predict Success or Failure on Juvenile Parole*  
*Field of Specialization: Social Work*
- John Edward King, B.A. .... Wooster  
*Dissertation: Erythropoiesis in the Bone Marrow of the Fetal Rabbit: A Morphological Study*  
*Field of Specialization: Anatomy*
- William Angus Koehnline, A.B., M.A. (University of North Carolina)  
Wheeling, W. Va.  
*Dissertation: Problems Arising in English Classes for Academically Talented College Freshmen*  
*Field of Specialization: Education*
- Guillermo Rivera Lazaro, B.S. in Ed., M.A. in Ed. (University of the Philippines) ..... Quezon City, Philippines  
*Dissertation: Guidelines from the Yearbooks of the National Council for the Social Studies: A Trend Study*  
*Field of Specialization: Education*
- James Roger Lindholm, B.M., M.M. (Northwestern University) .. Toccoa, Ga.  
*Dissertation: The Parlement of Hefne: A Liturgical Drama for Soloists, Chorus, Dancers, Strings, Woodwinds, Brass, Percussion, Timpani, Organ, and Pre-recorded Tape*  
*Field of Specialization: Music*
- David Harlan McConaughy, B.Sc. in Bus. Adm., M.B.A. .... Ypsilanti, Mich.  
*Dissertation: The Role of Automatic Data Processing in Inventory Management in Selected Large Department Stores*  
*Field of Specialization: Business Organization*

- John Allen McKnight, B.S. (Geneva College); M.A.....Bucyrus  
*Dissertation: Perceptions of Ohio Educational Administrators Regarding the Use of Federal Funds for Education*  
*Field of Specialization: Education*
- Robert William Menefee, B.S. in Edu. (University of Akron); M. of Edu. (Kent State University).....Cuyahoga Falls  
*Dissertation: Measuring Elementary School Children's Ability to Use Evidence from Scientific Instruments in Decision-Making Situations*  
*Field of Specialization: Education*
- Charles Henry Nicol, B.S. (Capital University).....New Washington  
*Dissertation: Relations Between Photodecomposition Modes and Molecular Structure in a Series of Carbonyl Compounds*  
*Field of Specialization: Chemistry*
- Ernest Richard Nilo, B.S. (University of Wisconsin); M.A. (University of Maryland).....Columbus  
*Dissertation: Relation of Placement, Force and Pressure of Application, and Surface Area of the Bone-Conduction Transducer to Absolute Threshold of Sensitivity of Hearing by Bone Conduction*  
*Field of Specialization: Speech*
- Abdulkaki Turhan Oguzkan, B.Sc. in Edu., M.A.....Istanbul, Turkey  
*Dissertation: The University Extension Movement in the United States and Its Implications for the Middle East Technical University, Turkey*  
*Field of Specialization: Education*
- Gerald Phillip Owens, B.S. (Phillips University); M.S. (Kansas State University).....Fort Worth, Tex.  
*Dissertation: Factors Affecting the Demand for Outdoor Recreation*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Martin Michael Perline, B.A. (Arizona State University); M.A. Phoenix, Ariz.  
*Dissertation: A Comparative Analysis of the Trade Union Press*  
*Field of Specialization: Economics*
- Barry Warren Poulson, B.A. (Ohio Wesleyan University); M.A. Cleveland Heights  
*Dissertation: Value Added in Manufacturing, Mining, and Agriculture in the American Economy from 1809 to 1839*  
*Field of Specialization: Economics*
- Fred Arnold Racle, B.Sc., M.Sc.....Columbus  
*Dissertation: The Effect of pH and Trace Element Concentration on Certain Metabolic Processes in Trichoderma SP*  
*Field of Specialization: Botany and Plant Pathology*
- K. Syed Abdur Rahim, B. Engr. (University of Mysore); M.Sc. Karachi, West Pakistan  
*Dissertation: A Theoretical Investigation of Stress Distribution for a Strip Load Placed at Different Depths in an Elastic Half Space*  
*Field of Specialization: Civil Engineering*
- Bernard Claude Ream, B.S. (Seton Hall University); M.Sc...Johnstown, Pa.  
*Dissertation: Reactions of Ketones with Phosphorus Pentachloride*  
*Field of Specialization: Chemistry*
- Harlan Eugene Ridenour, B.Sc. in Agr. M.Sc.....Fredericktown  
*Dissertation: Guidelines for Organizing and Operating a State Vocational Agriculture Curriculum Materials Service*  
*Field of Specialization: Agricultural Education*

- James McNulty Ainslie Robinson, B.S. Ret., M.B.A. (Washington University).....Port Arthur, Ont., Canada  
*Dissertation: The Merchandise Mart: A Systems Approach to the Central Market Process*  
*Field of Specialization: Business Organization*
- Arthur Ronny Salman, A.B. (Queens College); M.A.....Bronx, N. Y.  
*Dissertation: The Development and Validation of a Projective Measure of Need for Approval*  
*Field of Specialization: Psychology*
- Youssef Mohamed Ali Sida, M.Ed. (University of Minnesota) Cairo, Egypt  
*Dissertation: Arabic Calligraphy in Contemporary Egyptian Murals with an Essay on Arab Tradition and Art*  
*Field of Specialization: Art*
- Sadanand Singh, B.A. (Hons.), M.A. (Bihar University); Ph.D. (Ranchi University).....Bihar, India  
*Dissertation: A Cross-Language Study of Perceptual Confusion of Plosive Phonemes in Two Conditions of Distortion*  
*Field of Specialization: Speech*
- Dale Richard Sparling, B.S. (University of Wyoming); M.S. (Wayne State University).....Birmingham, Mich.  
*Dissertation: Geology of Ottawa County, Ohio*  
*Field of Specialization: Geology*
- Martin LeRoy Stahl, B.S. (Bluffton College); M.Ed. (Bowling Green State University) .....Lima  
*Dissertation: Program Opportunities and Per-Pupil Costs of Services for the Academically Gifted*  
*Field of Specialization: Education*
- John Barnt Stevenson, B.S. in Ed., B.D., M. Edu. (Wittenberg University) Elida  
*Dissertation: Practicum Facilities in Ohio's Thirteen Collegiate School Counselor-Education Programs*  
*Field of Specialization: Education*
- JoAnn Kay Stiles, B.S.H.E. (Purdue University); M.A. (Ohio University) Seymour, Ind.  
*Dissertation: The Reading Achievement Motivation of the Beginning Reader*  
*Field of Specialization: Psychology*
- John Michael Swartz, B.S. (Alfred University); M.Sc.....Columbus  
*Dissertation: Analysis of the Effect of Fast Neutron Bombardment on the Current-Voltage Characteristic of a Conductivity-Modulated P-I-N Diode*  
*Field of Specialization: Electrical Engineering*
- James Irvin Taylor, B.S. in C.E., M.S.C.E. (Case Institute of Technology) Westerville  
*Dissertation: Photogrammetric Determination of Traffic Flow Parameters*  
*Field of Specialization: Civil Engineering*
- Virginia France Thomas, B.S. in H.E. (West Virginia State College); M.S. (Home Ec. Ed.) (West Virginia University) S. Charleston, W. Va.  
*Dissertation: Relationship of Specified Aspects of a Supervisory Program to a Balanced High School Home Economics Curriculum*  
*Field of Specialization: Home Economics (Education)*

- Dale Stirling Thomson, A.B. (Cedarville College); M.Sc. .... Cedarville  
*Dissertation: Histogenesis of Proventricular Submucosal Glands of the Chick as Revealed by Light and Electron Microscopy*  
*Field of Specialization: Zoology and Entomology*
- Oscar Israel Tosi, Ing., Ing. (Universidad Nacional de Buenos Aires)  
 Buenos Aires, Argentina  
*Dissertation: A Method for Acoustic Segmentation of Continuous Sound into Pauses and Signals and Measurement of Segment Durations*  
*Field of Specialization: Speech*
- Ronald V. Urick, B.Sc. in Edu., M.A. .... Troy  
*Dissertation: The Reflective Approach to Social Studies Education and Historical Explanations in American History Textbooks*  
*Field of Specialization: Education*
- James Walter Vigen, B.S., M.S. (Colorado State University) .... Toledo  
*Dissertation: Analysis of Demand for Wheat in the European Economic Community with Projections to 1970 and 1975*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Charles Carey Walker, B.S., M.S. (John Carroll University) .... Westlake  
*Dissertation: Part I The Preparation, Properties and Chemistry of Triphenylphosphazines and N-Benzamidotriphenylphosphinimine*  
*Part II The Reaction of Glyoxal with p-Toluenesulfonyl Hydrazide and B-Naphthalenesulfonyl Hydrazide: The Base Catalyzed Decomposition of Vicinal-Bis-p-Toluenesulfonylhydrazones and 1-p-Toluenesulfonylhydrazones and 1-p-Toluenesulfonamido-1, 2, 3-Triazoles*  
*Part III The Attempted Preparation of Bicyclic Amides*  
*Field of Specialization: Chemistry*
- Dennis William Ware, B.S.A., M.S.A. (University of British Columbia)  
 Ottawa, Ont., Canada  
*Dissertation: The Economic Implications of Free Trade in Agricultural Products Between Canada and the United States*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Gerald Louis Weiss, B.A. (Northwestern University); M.S. Chem.  
 (University of Michigan) .... Phoenix, Ariz.  
*Dissertation: A Current Efficiency Study and Method of Analysis for Micro Quantities of Silver*  
*Field of Specialization: Chemistry*
- Robert Stanley Welsh, B.Sc. in Agr., M.A. .... Zanesville  
*Dissertation: Management-Labor Relations in the Retail Food Industry: Emphasis, Technological Change*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Hugh Evan Whittington, B.S. in Ed. (Wittenberg University); M.A.  
 Springfield  
*Dissertation: A Study of Organizational Patterns for Instructional Improvement*  
*Field of Specialization: Education*
- Mohamed Abdel Halim Zaki, B.Sc. (Cairo University); M.Sc.  
 (University of Ain Shams) .... El Minia, Egypt  
*Dissertation: Economic Development in the U.A.R. (Egypt) and the Role of the Agricultural Sector*  
*Field of Specialization: Agricultural Economics and Rural Sociology*

(Ninety-one candidates)

### Master of Accounting

- Thomas Earl Crawford, B.S. (Butler University) .....Columbus  
*Field of Specialization: Accounting*
- Peter John Hackett, B.A. (University of Notre Dame) .....Springfield  
*Field of Specialization: Accounting*
- Stephen Randolph Hatcher, B.Sc. in Bus. Adm.....Columbus  
*Field of Specialization: Accounting*
- Mitchell Joel Stein, B.S. (Temple University) .....Philadelphia, Pa.  
*Field of Specialization: Accounting*

(Four candidates)

### Master of Arts

- Fredrick Dean Altizer, B.A.....Jacksonville, Fla.  
*Field of Specialization: English*
- Gillian Warrington Anderton, B.A. (University of Manchester)  
 Stafford, England  
*Field of Specialization: English*
- Anne G. Wells Andes, B.A. (Wellesley College) .....Worthington  
*Field of Specialization: Physical Education (Health Education)*
- Virginia Ann Arnold, B.S. in Edu. (Kent State University) .....Columbus  
*Field of Specialization: Education*
- Betty Carter Aussenheimer, B.Sc. in Edu.....Bucyrus  
*Field of Specialization: Speech*
- John William Baldwin, B.Sc. in Edu.....Plain City  
*Field of Specialization: Education*
- John Francis Barr, B.Sc. in Edu.....Lexington  
*Field of Specialization: Physical Education*
- Hubert Harry Basehart, B.A. (Kent State University) ....Newcomerstown  
*Field of Specialization: Political Science*
- Nancy Jane Beran, B.A.....Euclid  
*Field of Specialization: Sociology*
- Doris Stephens Bossen, A.B. (Vassar College) .....Columbus  
*Field of Specialization: Education*
- Alberta Bone Boston, B.A. (Ohio Wesleyan University) ....Brooklyn, N. Y.  
*Field of Specialization: Education*
- Marilyn Firth Braun, B.A. (Rockford College, Illinois) .....Worthington  
*Field of Specialization: Education*
- Frank Lewis Breedlove, B.Sc. in Agr.....Springfield  
*Field of Specialization: Agricultural Education*
- Lawrence Brockett, B.Sc. in Agr.....Greenwich  
*Field of Specialization: Agricultural Education*
- Julia Myrtle Aycock Butler, B.S. in Edu. (Wilberforce University)  
 Columbus  
*Field of Specialization: Education*
- Dean A. Christopher, B.Sc. in Edu.....Canton  
*Field of Specialization: Education*



- Lawrence Mason Clopper, Jr., B.A. (Johns Hopkins University) Denton, Md.  
*Field of Specialization: English*
- Richard Hunter Clossman, B.A. (Bob Jones University);  
 B.D. (Marshall University) ..... Zanesville  
*Field of Specialization: History*
- John Joseph Cogan, B.S. in Edu. (Kent State University) ..... Columbus  
*Field of Specialization: Education*
- Marilyn Mawhorter Collier, B.S. in Edu. (Bowling Green  
 State University) ..... Reynoldsburg  
*Field of Specialization: Education*
- Gloria Lisko Colon, B.S. in Edu. (Mount Mercy College) .... Tarentum, Pa.  
*Field of Specialization: Psychology*
- Judy Louise Conklin, B.A. (University of Idaho) ..... Spokane, Wash.  
*Field of Specialization: Education*
- Clidie Thomas Cook, B.S. (Southern University) ..... Baton Rouge, La.  
*Field of Specialization: Education*
- Barbara Ann Cooley, B.S. in Ed. (Madison College, Virginia) Hampton, Va.  
*Field of Specialization: Physical Education (Health Education)*
- Walter Corwin Cory, B. Mus. .... Columbus  
*Field of Specialization: Music*
- Stewart Robert Cowie, B.Sc. (University of London) Pudsey, Yorkshire, England  
*Field of Specialization: Geography*
- Beverly Ann Cronin, A.B. (University of Michigan) ..... Columbus  
*Field of Specialization: English*
- Betty Sheppard Curry, B.Sc. in Edu. .... Columbus  
*Field of Specialization: Education*
- Carolyn Stines Davies, B.S.Ed. (Ohio University) ..... Dayton  
*Field of Specialization: English*
- Howard Charles DeMartini, B.A. (La Salle College, Pennsylvania) Valhalla, N. Y.  
*Field of Specialization: Economics*
- Verma Newman Dooley, B.Sc. in Edu. .... Columbus  
*Field of Specialization: Education*
- Linda Weathers Dudycha, B.A. (Columbia College, South Carolina) St. George, S. C.  
*Field of Specialization: Psychology*
- Charles Arthur Ekstrom, A.B. (Denison University) ..... Columbus  
*Field of Specialization: Sociology*
- Robert James Entsminger, B.Sc. in Edu. .... Columbus  
*Field of Specialization: Physical Education*
- Helen Harrison Evans, B.Sc. in H.E. .... Columbus  
*Field of Specialization: Education*
- Bette Lannert Fay, A.B. (Wittenberg University) ..... Springfield  
*Field of Specialization: Education*

- Margaret Miller Frederick, A.B. (Morehead State Teachers College,  
Kentucky) ..... Washington C.H.  
*Field of Specialization: Education*
- Wilma Joyce Geithman, B.Edu. (University of Toledo) ..... Toledo  
*Field of Specialization: Education*
- Edward Alan Gelb, A.B. (Rutgers University) ..... Roselle Park, N. J.  
*Field of Specialization: Psychology*
- Leonard Michael Giambra, B.A. (University of Rochester)  
Jamestown, N. Y.  
*Field of Specialization: Psychology*
- Joan Givens, B.A. (Lynchburg College, Virginia) ..... Decatur, Ga.  
*Field of Specialization: Education*
- Ina Lynch Green, B.S. (Abilene Christian College) ..... Abilene, Tex.  
*Field of Specialization: Psychology*
- Donald Ray Haines, B.Sc. in Edu. .... Van Wert  
*Field of Specialization: Education*
- Harry Thomas Hance, B.A. (Duke University) ..... Westerville  
*Field of Specialization: History*
- Jehoash Harishchandra, B.A. (Nagpur University) ; B.T., M.A.  
(University of Saugar) ..... Dhamtari, M. P., India  
*Field of Specialization: Education*
- Ann Russell Holderness, B.S. in Ed. (University of Tennessee)  
Concord, Tenn.  
*Field of Specialization: Music*
- Jane Randall Hott, B.A. (Friends University) ..... Columbus  
*Field of Specialization: Education*
- Patricia Cazier Hutchins, B.A. .... Worthington  
*Field of Specialization: History*
- Ethel Calloway Jennings, B.S. in Edu. (Wilberforce University) .. Columbus  
*Field of Specialization: Education*
- Sami Yusef Kalliney, B.Sc. and Ed. (Teachers Training College, Cairo)  
Abu Kurkas, Minia, Egypt  
*Field of Specialization: Education*
- Robert Max Ketchersid, B.S. Math. (Tennessee Wesleyan College) ;  
B.S. Jour. (University of Tennessee) ..... Spring City, Tenn.  
*Field of Specialization: Journalism*
- Kathleen Johanna Kienzle, B.A. (Duke University) ..... Columbus  
*Field of Specialization: Journalism*
- Patricia Vukovich Kramer, B.A. .... Youngstown  
*Field of Specialization: Speech*
- James Edward Kraus, B.A. (College of Saint Charles Borromeo) .... Akron  
*Field of Specialization: Education*
- Kay Bias Kriebel, B.S. (Rio Grande College) ..... Columbus  
*Field of Specialization: Education*
- Edward Earl Lay, B.S. Edu. (Ohio Northern University) ..... Columbus  
*Field of Specialization: Education*
- Leslie Howard Leibowitz, B.A. (University of Oklahoma) .. Brooklyn, N. Y.  
*Field of Specialization: Psychology*

- John Woodmansee Leland, B.A. (Maryville College) . . . . . Washington C.H.  
*Field of Specialization: History*
- Richard Murray Levin, B.Sc. in Edu. . . . . Akron  
*Field of Specialization: Education*
- Carole Ann Lewis, A.B. (Asbury College) . . . . . Parkersburg, W. Va.  
*Field of Specialization: Music*
- Phillip Ronald Lindsey, B.A. (Anderson College, Indiana) . . . . . Columbus  
*Field of Specialization: Education*
- Gale Harold Long, B.A. (University of Utah) . . . . . Oberlin, Kans.  
*Field of Specialization: Romance Languages (French)*
- Richard LeRoy Lorenzen, B.A. (Long Beach State College) . . . . . Lakewood, Calif.  
*Field of Specialization: Speech*
- Robert Joseph Lowry, B.Sc. in Edu. . . . . Wadsworth  
*Field of Specialization: Music*
- Patricia Ann Macklin, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*
- Francisco Matanzo, Jr., B.I.E. . . . . Delaware  
*Field of Specialization: Psychology*
- Robert Lynn McMahan, B.Sc. in Edu. . . . . Marion  
*Field of Specialization: Physical Education*
- Sue Hunt McNaghten, A.B. (Denison University) . . . . . Columbus  
*Field of Specialization: Political Science*
- Gerald Douglas McNamee, B.A. (Salem College, West Virginia) . . . . . Cuyahoga Falls  
*Field of Specialization: Education*
- Anne Elizabeth Mellers, A.B., A.M. (Temple University) . . Bala Cynwyd, Pa.  
*Field of Specialization: Psychology*
- Joseph Miller, B.S. in Bus. Adm., B.S. in Edu. (Ashland College) . . Mansfield  
*Field of Specialization: Education*
- Joanna Mae Moritz, B.S. in Ed. (Wittenberg University) . . . . . Kettering  
*Field of Specialization: Physical Education*
- Andrea Mote, A.B. (Smith College) . . . . . Madison, Wis.  
*Field of Specialization: German*
- John Walter Nelson, B.A. (Trinity College) ; B.D. (Yale University) . . . . . Sheffield Lake  
*Field of Specialization: English*
- Diane Strayer Niehaus, B.Sc. in Edu. . . . . Delphos  
*Field of Specialization: Education*
- Andrew Albert Nimmo, A.B. (Wheaton College) . . . . . Shaker Heights  
*Field of Specialization: English*
- Richard Gary Orr, B.Sc. in Edu. . . . . Columbus  
*Field of Specialization: Education*
- Frederick William Papay, B.A. . . . . Fairview Park  
*Field of Specialization: Journalism*
- James Thomas Pence, B.M. (Ohio Wesleyan University) . . . . . Richwood  
*Field of Specialization: Education*

- Penelope Jo Peterson, B.Sc. in Edu.....Syracuse, N. Y.  
*Field of Specialization: Psychology*
- Beverly Fleishman Pimsleur, B.A. (Chatham College, Pennsylvania)  
Columbus  
*Field of Specialization: History*
- Patrick Thomas Quinn, B.A. (Loyola University) .....Evanston, Ill.  
*Field of Specialization: Psychology*
- Henry George Rennie, B.Sc. in Bus. Adm.....Columbus  
*Field of Specialization: Economics*
- Robert Leroy Rogers, B.Sc. in Agr.....Clyde  
*Field of Specialization: Agricultural Education*
- James Glenn Samuels, B.Sc. in Edu.....Eaton  
*Field of Specialization: Physical Education*
- Dagmar Sartorius.....Gottingen, Germany  
*Field of Specialization: German*
- Stephen Patrick Scherer, B.A.....Columbus  
*Field of Specialization: History*
- George Ebbert Seney, B.A.....Toledo  
*Field of Specialization: History*
- Betty Jane Shackleford, B.S.Ed. (Ohio University) .....Struthers  
*Field of Specialization: Sociology*
- Francis Charles Shaulis, Jr., B. Mus. (University of Rochester)  
Barnesville, Pa.  
*Field of Specialization: Slavic Languages*
- George Webster Shepherd, B.A. (Northwestern University) ..Darien Conn.  
*Field of Specialization: History*
- Robert Everett Shimp, Jr., A.B. (Thiel College) .....Greenville, Pa.  
*Field of Specialization: History*
- Edna Wilma Sikkema, A.B. (Calvin College) .....San Jose, Calif.  
*Field of Specialization: German*
- Zoetta Rachel Sinden, B.S. (Muskingum College) .....Coshocton  
*Field of Specialization: Education*
- Marylouise Lindemuth Smith, B.S. in Ed. (Bowling Green State  
University) .....Columbus  
*Field of Specialization: Education*
- Virginia Isabelle Smith, B.Sc. in Edu.....McDermott  
*Field of Specialization: Speech*
- James Norman Somerville, B.Sc. in Edu.....Cadiz  
*Field of Specialization: Music*
- Martha Evans Speers, B.Sc. in Edu.....Sandusky  
*Field of Specialization: Education*
- John Griffith Steed, B.A.....Dayton  
*Field of Specialization: Political Science*
- David Martin Steegar, A.B. (Miami University) .....Lincoln Park, N. J.  
*Field of Specialization: Romance Languages (French)*
- Barry William Strejcek, B.A.....Maplewood, N. J.  
*Field of Specialization: Economics*

- Frederick Dale Stuyvesant, B.A. (Thiel College).....Greenville, Pa.  
*Field of Specialization: Romance Languages (French)*
- Ann Broughton Templin, B.S. (Wittenberg University).....Chillicothe  
*Field of Specialization: English*
- Barbara Swanson Thomson, B.S. (Michigan State University) ..Columbus  
*Field of Specialization: Education*
- Thomas Neil Trager, A.B. (University of Dayton) .....Cleveland  
*Field of Specialization: English*
- Max Franklin Urick, B.A. (Ohio Wesleyan University) .....Troy  
*Field of Specialization: Physical Education*
- Kenneth William Valentine, B.A. (Mount Union College) .....Alliance  
*Field of Specialization: Education*
- George Harold Wadge, B.Sc. in Edu.....Cleveland  
*Field of Specialization: Education*
- William Emery Worth, B.A.....Cincinnati  
*Field of Specialization: Journalism*
- Richard Edward Wyatt, B.A. (Western Michigan University)  
Pleasant Ridge, Mich.  
*Field of Specialization: Romance Languages (French)*
- Robert Judson Wynkoop, B.Sc. in Edu.....Canal Winchester  
*Field of Specialization: Education*
- Helen Buza Zingarelli, B.S. in Ed. (Otterbein College) .....Columbus  
*Field of Specialization: Education*
- (One hundred and twelve candidates)

#### Master of Business Administration

- Robert Burke Breitenbach, B.B.A. (University of Cincinnati) ..Cincinnati  
*Field of Specialization: Business Organization*
- Maurice Randolph Buchsbaum, B.Sc. in Bus. Adm.....Columbus  
*Field of Specialization: Business Organization*
- Thomas Glenn Flynn, B.S.C. (Ohio University) .....Lakewood  
*Field of Specialization: Business Organization*
- John Robert Galloway, B.A. (University of Kansas) .....Springfield, Mo.  
*Field of Specialization: Business Organization*
- Michael Shane Heschel, B.I.E.....Fremont  
*Field of Specialization: Business Organization*
- Ampol Hotrakitya.....Bangkok, Thailand  
*Field of Specialization: Business Organization*
- Charles Keith Humbert, B.Sc. in Edu.....Lima  
*Field of Specialization: Business Organization*
- Donald Joseph Kohls, B.A.....Cincinnati  
*Field of Specialization: Business Organization*
- Jules Melville Lipton, B.A. (University of Wisconsin) ; LL.B. (Fordham  
University) .....Dayton  
*Field of Specialization: Business Organization*
- Harold Arthur Mielke, B.B.A. (University of Minnesota) .....Celina  
*Field of Specialization: Business Organization*
- Harold Stanley Morgan, B.Sc. in Bus. Adm.....Obetz  
*Field of Specialization: Business Organization*

- James Boyd Murchie, B.S. (Lehigh University).....Poland  
*Field of Specialization: Business Organization*
- Jack Benjimen Needles, B.Sc. in Edu.....Upper Sandusky  
*Field of Specialization: Business Organization*
- John Francis Nichols, B.C.E.....Marion  
*Field of Specialization: Business Organization*
- Gilbert Theodore Scott, B.S. (United States Military Academy);  
 M.S. (University of Illinois).....Columbus  
*Field of Specialization: Business Organization*
- Homer Eugene Spence, B.Sc. in Bus. Adm.....Dover  
*Field of Specialization: Business Organization*
- Paul Richard Wright, B.S. in Bus. (Miami University).....Marion  
*Field of Specialization: Business Organization*  
 (Seventeen candidates)

#### **Master of City Planning**

- Priscilla Raz Steele, A.B. (Antioch College).....Chillicothe  
*Field of Specialization: Architecture (City Planning)*  
 (One candidate)

#### **Master of Education**

- Faith Fravel Ekstrom, B.Sc. in Edu.....Columbus  
*Field of Specialization: Education*
- Ihsan Mostafa Sharawi, B.Sc. and Ed. (Ain Shams University, Cairo)  
 Cairo, Egypt  
*Field of Specialization: Education*
- Sharon Gill West, B.S. Ed. (Ohio University).....Columbus  
*Field of Specialization: Education*  
 (Three candidates)

#### **Master of Fine Arts**

- Robert Frazier Wilson, B.F.A., M.A.....Columbus  
*Field of Specialization: Fine Arts (Ceramics)*  
 (One candidate)

#### **Master of Medical Science**

- Charles Russell Leone, Jr., B.A. (University of Virginia);  
 M.D. (Temple University).....Columbus  
*Field of Specialization: Ophthalmology*
- Charles Egbert Zepp, B.Sc., M.D.....Columbus  
*Field of Specialization: Ophthalmology*  
 (Two candidates)

#### **Master of Science**

- Edith Louise Ackerman, A.B. (Ashland College).....Perrysville  
*Field of Specialization: Zoology*
- Robert Wood Acton, B.Sc. in Agr.....Yellow Springs  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Robert Aronovitz, B.A., D.D.S. (Temple University).....Columbus  
*Field of Specialization: Dentistry*

- LeRoy Wilson Bandy, B.S. (Morris Harvey College) . . . Charleston, W. Va.  
*Field of Specialization: Zoology and Entomology*
- Larry Thomas Bashark, B.E.E. . . . . Kettering  
*Field of Specialization: Electrical Engineering*
- James Garman Belleson, B.E.E. . . . . Sinking Spring  
*Field of Specialization: Electrical Engineering*
- Thomas Albert Bennett, B.Sc. in Agr. . . . . Conneaut  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Charles Theodore Bole II, D.D.S.; B.S. (Ohio University) . . . . . Marietta  
*Field of Specialization: Dentistry*
- Lawrence Carter Booth, B.S. (Allegheny College) . . . . . Painesville  
*Field of Specialization: Mathematics*
- Robert Jeffrey Borel, B.E.E. . . . . Columbus  
*Field of Specialization: Electrical Engineering*
- Joe Thomas Boyd, B.S. (Pennsylvania State University) . . . Pittsburgh, Pa.  
*Field of Specialization: Electrical Engineering*
- Thomas William Brunner, B.S. in Aero Engr. (University of Notre Dame)  
 Lima  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Harold Thomas Buscher, B.S. (Case Institute of Technology) . . . . . Euclid  
*Field of Specialization: Electrical Engineering*
- Leland Arnold Carlson, B.A.A.E. . . . . Ashland  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Rajendra Nath Chaturvedi, B.Sc. in Agr. (Agra University)  
 Nagpur, India  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Mary Elizabeth Christner, B.Sc. in Nurs. . . . . Wellston  
*Field of Specialization: Nursing*
- Stephen Thomas Cost, B.E.E. . . . . Alliance  
*Field of Specialization: Electrical Engineering*
- Leslie Lee Cunningham, B.Sc. . . . . Dayton  
*Field of Specialization: Geodetic Science*
- James Clarence Darner, B.Sc. . . . . Zanesville  
*Field of Specialization: Microbiology*
- James Melvin Davidson, B.Ch.E. . . . . Bladensburg  
*Field of Specialization: Chemical Engineering*
- Oliver Lawrence Davies, B.Ch.E. . . . . Wakeman  
*Field of Specialization: Chemical Engineering*
- David Ray Davis, B.Sc. in Agr. . . . . Patriot  
*Field of Specialization: Dairy Science*
- Thomas Wesley Doub, Jr., B.Ch.E. . . . . Kingsport, Tenn.  
*Field of Specialization: Chemical Engineering*
- Gary Phillip Eiler, B.M.E. (University of Dayton) . . . . . Hamilton  
*Field of Specialization: Mechanical Engineering*
- Jerome Joseph English, Met.E. (University of Cincinnati) . . . . . Cincinnati  
*Field of Specialization: Metallurgical Engineering*

- Donald Ralph Feeley, B.S. (Bates College) ; M.D. (Albany Medical College) .....Olcott, N. Y.  
*Field of Specialization: Preventive Medicine*
- Roger Maurice Folk, B.Sc. in Edu.....Junction City  
*Field of Specialization: Physiology*
- Michael John Free, B.Sc. (hons.) (University of Nottingham) .....Buntingford, England  
*Field of Specialization: Dairy Science*
- Harry Lewis Freeman, B.Sc. in Agr.....Urbana  
*Field of Specialization: Agricultural Education*
- Lawrence Friedman, B.E.M.....Cleveland Heights  
*Field of Specialization: Welding Engineering*
- Surji Shamji Gada, B.E. (Elect.) (Gujarat University) ; B.E. (Mech.) (Sardar Vallabhbhai Vidyapeeth) .....Bombay, India  
*Field of Specialization: Mechanical Engineering*
- Kandukuri Sivananda Gandhi, B. Tech. (Andhra University) .....Vijayawada, A.P., India  
*Field of Specialization: Chemical Engineering*
- Richard Redwine Gates, B.M.E.....New Richmond  
*Field of Specialization: Mechanical Engineering*
- John Paul Gegner, B.Ch.E.....Barberton  
*Field of Specialization: Chemical Engineering*
- Julia Yoder Gerber, B.S. (Goshen College) .....Columbus  
*Field of Specialization: Nursing*
- Barbara Schumann Given, B.Sc. in Nurs.....Wapakoneta  
*Field of Specialization: Nursing*
- Charles William Given, B.Sc. in Agr.....Urbana  
*Field of Specialization: Agricultural Economics (Rural Sociology)*
- Gordon Harvey Griffith, B.E.P. (Alabama Polytechnic Institute) .....Birmingham, Ala.  
*Field of Specialization: Physics*
- Charles Robert Griffiths, B.S. (Northwestern University) ..Foxboro, Mass.  
*Field of Specialization: Electrical Engineering*
- Patricia Ann Hart, B.A. (College of Our Lady of the Elms) .....Springfield, Mass.  
*Field of Specialization: Mathematics*
- Mary Dykstra Havlicek, A.B. (Hope College) .....Holland, Mich.  
*Field of Specialization: Chemistry*
- Michael Hawes, B.E. (Mech. and Elect.) (National University of Ireland, Dublin) .....Dublin, Ireland  
*Field of Specialization: Electrical Engineering*
- Rose Marie Hazucha, B.Sc. in Nurs.....Cleveland  
*Field of Specialization: Nursing*
- Grant Ken Hicken, B.S. (Utah State University) .....Orem, Utah  
*Field of Specialization: Welding Engineering*
- Edwin Arthur Holzinger, D.V.M. (Purdue University) ....Lafayette, Ind.  
*Field of Specialization: Veterinary Pathology*



- Heinz Ludwig Horstmeier, B.E.S. (Brigham Young University)  
Greendale, Wis.  
*Field of Specialization: Engineering Mechanics*
- Margaret Ann Householder, B.Sc. in H.E..... Delaware  
*Field of Specialization: Home Economics*
- John Elton Howland, B.S. (Anderson College) ..... Anderson, Ind.  
*Field of Specialization: Mathematics*
- Mary Ferrise Howley, B.S. in H.E. (Seton Hill College) ..... Columbus  
*Field of Specialization: Home Economics*
- Benjamin Franklin Jacoby, B.S. (Case Institute of Technology) .. Wickliffe  
*Field of Specialization: Electrical Engineering*
- Carolyn Shaffer Jamieson, B.Sc. in Nurs..... Rockford  
*Field of Specialization: Nursing*
- Anthony Gabriel Jennetti, B.S. (Pennsylvania State University)  
Lebanon, Pa.  
*Field of Specialization: Electrical Engineering*
- Shirley Dunn Jin, B.Sc. in Phys..... Akron  
*Field of Specialization: Physics*
- Adel Salim Kadi, B. Eng. (American University of Beirut)  
Beirut, Lebanon  
*Field of Specialization: Civil Engineering*
- Howard Soloman Kaplon, B.S. (State Teachers College, Towson, Maryland)  
Baltimore, Md.  
*Field of Specialization: Mathematics*
- William Junior Kerns, B.Ch.E..... North Lewisburg  
*Field of Specialization: Chemical Engineering*
- James Allen Kibler, E.E. (University of Cincinnati) ..... Columbus  
*Field of Specialization: Electrical Engineering*
- Charles William Kistler, B. Cer. E. .... Ottawa  
*Field of Specialization: Ceramic Engineering*
- Leland Milo Kraft, Jr., B.C.E..... Delaware  
*Field of Specialization: Civil Engineering*
- Irvin Martin Kraus, A.B. (Miami University) ..... Cincinnati  
*Field of Specialization: Microbiology*
- Suzanne Moore Lea, B.A. (Rice University) ..... Mt. Vernon  
*Field of Specialization: Physics*
- Sister M. Frances Patrice Leahey, B.S.N. (Catholic University of  
America) ..... Columbus  
*Field of Specialization: Nursing*
- William Ernest Lewis, B.S. (North Carolina State College, Raleigh)  
Greenville, N. C.  
*Field of Specialization: Chemical Engineering*
- Burn Jeng Lin, B.S. in Eng. (National Taiwan University)  
Cholon, Vietnam  
*Field of Specialization: Electrical Engineering*
- Frances Wilkins Lollar, B.S. (Medical College of Virginia) .. Reynoldsburg  
*Field of Specialization: Nursing*

- Rosemary Ann Lowrey, B.S. (Mount Mary College, Wisconsin)  
La Grange Park, Ill.  
*Field of Specialization: Chemistry*
- Joan Marie Mac Enery, B.S. (Teachers College Columbia University)  
Mt. Vernon, N. Y.  
*Field of Specialization: Nursing*
- John Ibrahim Makhoul, B.E. (American University of Beirut)  
Sidon, Lebanon  
*Field of Specialization: Electrical Engineering*
- Thomas Andrew McClure, B.Sc. in Agr.....Wapakoneta  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- David Starr McVicker, B.Sc. in Agr.....Quaker City  
*Field of Specialization: Agricultural Education*
- Brian Raymond Mercy, B.S. (Virginia Polytechnic Institute)  
Falls Church, Va.  
*Field of Specialization: Electrical Engineering*
- Sister M. Jane Chantal Method, B.S. (Seattle University) ..Seattle, Wash.  
*Field of Specialization: Nursing*
- Dale E. Minnich, B.S. (Wilmington College) .....Wilmington  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Marvin Eugene Monroe, B.E.E.....Nevada  
*Field of Specialization: Electrical Engineering*
- \*Douglas Jay Moore.....Oak Harbor  
*Field of Specialization: Industrial Engineering*
- Robert Lee Moore, B.A.A.E.....Zanesville  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Arthur Henry Morth, B.Ch.E. (Cornell University) .....Pittsburgh, Pa.  
*Field of Specialization: Chemical Engineering*
- Gloria Jean Nunley, B.S. (University of Cincinnati) .....Chillicothe  
*Field of Specialization: Nursing*
- Guenter Hans Odalinsky.....Warren, Mich.  
*Field of Specialization: Welding Engineering*
- Gaylord Penrod Patten, B.S. (Brigham Young University) ..Elberta, Utah  
*Field of Specialization: Agronomy*
- Edmund Frank Pawlowicz, B.E.E.....Toledo  
*Field of Specialization: Electrical Engineering*
- Larry Richard Perkins, B.Ch.E.....North Canton  
*Field of Specialization: Chemical Engineering*
- Robert Martin Perlman, A.B. (Washington University)  
University City, Mo.  
*Field of Specialization: Geodetic Science*
- Gary Martin Peshak, B.S. Met. E. (Purdue University) ..Lake Forest, Ill.  
*Field of Specialization: Welding Engineering*
- Hilary John Silvanus Pinsent.....Reynoldsburg  
*Field of Specialization: Engineering Mechanics*
- Fredrick Elmer Portner, B.C.E.....Cincinnati  
*Field of Specialization: Civil Engineering*

\* Two degrees

- William Gage Prescott, B.S. in C.E. (Rose Polytechnic Institute)  
Indianapolis, Ind.  
*Field of Specialization: Geodetic Science*
- Ennio Joseph Raimondi, B.S.M.E. (Illinois Institute of Technology) .. Xenia  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Thomas Jerry Reese, B.S. in Geology (New Mexico Institute of Mining  
and Technology) ..... Deming, N. Mex.  
*Field of Specialization: Geodetic Science*
- Larry Lee Rhonemus, B.Sc. in Agr..... Martinsville  
*Field of Specialization: Agricultural Education*
- Norman Glenn Rodgers, B.Sc. in Agr..... Delphi, Ind.  
*Field of Specialization: Agricultural Education*
- Lynn Carroll Rogers, B.S. in M.E. (Purdue University) ..... Marion, Ill.  
*Field of Specialization: Engineering Mechanics*
- Gentil Rojas..... Cali, Colombia  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Kenneth Robert Russell, B.Sc. in Agr..... Worthington  
*Field of Specialization: Zoology*
- Kulli Siiner Scheetz, B.S. (Capital University) ..... Struthers  
*Field of Specialization: Microbiology*
- Richard Joseph Seidehamel, B.S. Pharm. (University of Toledo) .. Novelty  
*Field of Specialization: Pharmacy*
- Sister Teresa Maureen Seipel, B.S. (Catherine Spalding College)  
Louisville, Ky.  
*Field of Specialization: Nursing*
- Barbara Stone Sewall, B.S. (Youngstown University) .. West Middlesex, Pa.  
*Field of Specialization: Chemistry*
- Sandra Jean Simmons, B.Sc. in Nurs..... Dayton  
*Field of Specialization: Nursing*
- Alan Ivan Slonim, B.Sc. in Bus. Adm..... Columbus  
*Field of Specialization: Electrical Engineering*
- Kenneth Alan Smith..... Davison, Mich.  
*Field of Specialization: Welding Engineering*
- Thomas James Smith, B. Met. E..... Cincinnati  
*Field of Specialization: Metallurgical Engineering*
- Lawrence Bruce Snyder, B.E.E..... Lewisburg  
*Field of Specialization: Electrical Engineering*
- Thomas Lynn Sporleder, B.Sc. in Agr..... Morenci, Mich.  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Richard Benton Stahl, B.Sc. in Agr..... Jewett  
*Field of Specialization: Agricultural Education*
- Joseph Edward Stari, B.S. (Louisiana State University) ..... Cleveland  
*Field of Specialization: Welding Engineering*
- Russell George Stephens, D.D.S. (University of Toronto)  
Halifax, Nova Scotia, Canada  
*Field of Specialization: Dentistry*
- Larry Alan Stichweh, B.S.Ch.E. (Purdue University) ..... Dayton  
*Field of Specialization: Chemical Engineering*

- James Edward Stickel, B. of E.E. (Georgia Institute of Technology) Dayton  
*Field of Specialization: Electrical Engineering*
- Judith Church Stickney, B.Sc. in Nurs.....North Baltimore  
*Field of Specialization: Nursing*
- Gary Lee Street, B.S. (Michigan College of Mining and Technology) Muskegon, Mich.  
*Field of Specialization: Chemical Engineering*
- Carl David Stuber, B.S. in M.E. (Massachusetts Institute of Technology) Fairborn  
*Field of Specialization: Metallurgical Engineering*
- Duane Larry Stucky, B.M.E.....Bloomville  
*Field of Specialization: Mechanical Engineering*
- Warren Lee Stutzman, B.S. (University of Illinois).....Palatine, Ill.  
*Field of Specialization: Electrical Engineering*
- \*Ted William Tucker.....Rochester, N. Y.  
*Field of Specialization: Mechanical Engineering*
- Marilyn Joyce Tull, B.Sc. in Nurs.....Dayton  
*Field of Specialization: Nursing*
- Juan Brugada Uy, B.S.C.E. (University of the Philippines) ; M.S. (Cornell University).....Quezon City, Philippines  
*Field of Specialization: Industrial Engineering*
- Richard Munro Veazie, B.Ch.E.....Granville  
*Field of Specialization: Chemical Engineering*
- Stanley Edward Wagner, B.S. (University of Cincinnati).....Dayton  
*Field of Specialization: Physics*
- William Virgil Walter, Jr., B.Sc.....Columbus  
*Field of Specialization: Chemistry*
- Erma Roethe Weber, B.S. in Edu. (Southern Illinois University) Westerville  
*Field of Specialization: Home Economics*
- Eugene Neil Wheeler, B.Ch.E.....Vermilion  
*Field of Specialization: Chemical Engineering*
- Robert Anthony John White, B.Sc. (University of Reading) Devon, England  
*Field of Specialization: Horticulture*
- Lawrence Seth Wittenbrook, B.S. (Fenn College).....Marysville  
*Field of Specialization: Chemistry*
- John William Wittwer, D.D.S.....Columbus  
*Field of Specialization: Dentistry*
- Lauren Gene Wolfe, D.V.M.....Kenton  
*Field of Specialization: Veterinary Pathology*
- \*Jon Daniel Yonko.....Shadyside  
*Field of Specialization: Mechanical Engineering*
- Donald George Young, B.Sc. in Agr.....Marietta  
*Field of Specialization: Agricultural Education*
- Jonathan David Young, B.E.E.....Dayton  
*Field of Specialization: Electrical Engineering*

\* Two degrees

Peter Young, Jr., D.D.M. (University of the Philippines)      Manila, Philippines  
*Field of Specialization: Dentistry*

Larry Jay Zook, B. Cer. E..... Canton  
*Field of Specialization: Ceramic Engineering*  
 (One hundred thirty-one candidates)

## CANDIDATES FOR TWO DEGREES

Helen Anne Dickerhof.....	Canton
Bachelor of Science in Education	
Bachelor of Music	
Barbara Hoffman.....	Washington, D. C.
Bachelor of Arts	
Bachelor of Science in Education	
Douglas Jay Moore.....	Oak Harbor
Bachelor of Industrial Engineering (summa cum laude)	
Master of Science	
Esther Savransky.....	Erie, Pa.
Bachelor of Arts	
Bachelor of Science in Education	
Robert Lee Smith.....	Worthington
Bachelor of Science in Agriculture	
Bachelor of Science in Education	
Sharon Jane Spahr.....	Fairborn
Bachelor of Arts	
Bachelor of Science in Education	
Ted William Tucker.....	Rochester, N. Y.
Bachelor of Mechanical Engineering	
Master of Science	
Jon Daniel Yonko.....	Shadyside
Bachelor of Mechanical Engineering	
Master of Science	

(Eight candidates)

# COLLEGE OF AGRICULTURE AND HOME ECONOMICS

Dean: ROY M. KOTTMAN

## Bachelor of Science in Agriculture

John Edwin Ater.....	Williamsport
Raymond Eugene Barr, Jr.....	Bellville
Maynard Eugene Beery.....	Rittman
James Frederick Berg.....	Wapakoneta
Richard Pierman Biery.....	Mt. Cory
John Gilbert Bradbury.....	Oxford
Wesley James Broadhurst.....	Hudson
Edwin Swepson Brock, Jr.....	Virginia Beach, Va.
Lawrence Lamont Buren.....	Glenmont
David Lee Call.....	London
John Herman Clark.....	Mechanicstown
John Rust Collier, Jr.....	McMinnville, Tenn.
William Joseph Corbin.....	Troy
James Eugene Cummins.....	Pioneer
Daniel Thomas Dennis.....	Canton
Dwight Delano Dickey.....	Kensington
Pamela Brady Dobbins.....	Cedarville
Robert Henry Eckhoff.....	Milan
Ralph David Epstein.....	Cleveland
Joe Warren Fetter.....	Napoleon
H. Clifton Fischer.....	Ocala, Fla.
David Theodore George.....	Danville
Philip David Gillespie.....	Hamilton
Richard Clair Gray.....	Mt. Gilead
David Charles Green.....	Marysville
John Reinert Hagedorn.....	Cleveland
Karl John Hagedorn.....	Cleveland
Randall Bruce Heiligmann (summa cum laude).....	Columbus
Larry Elwood Heller.....	Galion
Ronald Ralph Hill.....	Worthington
Frederic Lee Hoff.....	Greenville
Harold Kenneth Johnson.....	Marshfield, Mass.
William Howard Jones.....	Newark
Gerald Thaddeus Kempf.....	Loveland
Kenneth Charles Kossow.....	Hamler
Edward Paul Lauby.....	Uniontown
James Robert Lowery.....	Milford Center
Paul William Lytle.....	Batavia
Emden Larry Milliron.....	Youngstown
David Charles Moellenkamp.....	Lancaster
James MacArthur Moretz.....	Clinton, Tenn.
Charles Edward Myers.....	Huron
John Beeker Neeb.....	Gibsonburg
Roger Wayne Overholt.....	Middle Point
James Alexander Parsch.....	Elyria
Clem Jay Pemberton.....	Eaton
Van Evin Powell.....	Grover Hill
Robert James Quaintance.....	Clyde
Alvin Daniel Reuwee.....	Tiffin
Robert Paul Rosko.....	Youngstown
Ronald William Schoch.....	Oak Harbor

Dennis Myers Shellabarger.....Dayton  
 Emerson Ray Shimp.....Baltimore  
 William Clyde Short.....Springfield  
 Michael Joseph Shouvin.....Springfield  
 James Franklin Slattery.....Hicksville  
 Joann King Smith.....Columbus  
 \*Robert Lee Smith.....Worthington  
 Edwin Lee Snyder.....Bucyrus  
 Edward Neil Sperry.....College Station, Tex.  
 Neil Marvin Stevens.....Urbana  
 Pairoj Suchinda, B.Sc. (Kasetsart University, Thailand)

Bangkok, Thailand

Thomas Joseph Vanderhorst.....St. Marys  
 Gary Van Winkle.....Richwood  
 Richard Lee Wagler.....Archbold  
 Jack Terry Walter.....Paulding  
 Thomas Eugene Wetli.....Antwerp  
 James Lester White.....Middletown  
 Norman Wayne Wilson.....Circleville  
 Gilbert Leroy Zink.....Clarington

(Seventy candidates)

#### **Bachelor of Science in Dairy Technology**

David Charles Klamfoth.....Westerville

(One candidate)

#### **Bachelor of Science in Food Technology**

Frederick Thomas Brundrett.....Tipp City  
 Allen Thomas Skillicorn.....Bedford

(Two candidates)

### **SCHOOL OF HOME ECONOMICS**

#### **Bachelor of Science in Home Economics**

Judy Deyo Callender.....London  
 Sally C. DuBane.....Naples, Fla.  
 Nancy Melquist Geuss.....Youngstown  
 Gloria Ann Glover.....Hinckley  
 Carolyn Faye Good.....Medina  
 Karen Hock Heyman.....Ostrander  
 Marsha Clare Hinson.....Cincinnati  
 Barbara Blevins Hodges.....Dayton, Tenn.  
 Josette Frances Hovance (summa cum laude).....Cleveland  
 Doris Ann Hubble.....Westlake  
 Patricia Ann James.....Columbus  
 Annette Klammer Kandel.....Columbus  
 Paula Jean Kleinoeder.....Castalia  
 Karen Krieg.....Columbus  
 Carole Jean Leiser.....Oak Harbor  
 Elizabeth Anne Lewis.....Jackson

\* Two degrees



Jo Anne Meyers.....	Columbus
Rebecca Kay Moser.....	Tipp City
Sandra June Nagel.....	Cincinnati
Mary Ellen Killingsworth Newman.....	Columbus
Marilyn Young Perkins.....	Springfield
Kaatje Ridge Redman.....	Richwood
Edith Elizabeth Rickett.....	Wooster
Linda Kay Ritter.....	Columbus
Patricia Lynn Robison.....	Newark
Pamela Ann Rothermel.....	Columbus
Lois Ann Salmick.....	Richmond Heights
Joy Ann Smith.....	Marion
Sani Gail Smith.....	Rocky River
Janet Isler Strine.....	Prospect
Polly Sue Taylor.....	Columbus
Ulker Turkmen.....	Izmir, Turkey
Cecelia Anne Vaughan.....	Columbus
Nancy Lynn Walter.....	Warren
Donna Heitchue Williams.....	Columbus
Myrna May Wise.....	Grafton
Maria Irene Zavakos.....	Dayton

(Thirty-seven candidates)

# COLLEGE OF ARTS AND SCIENCES

Dean: J. OSBORN FULLER

## Bachelor of Arts

Marilyn McLaughlin Beery.....	Newark
Thomas James Betts.....	Deshler
Ernest Lee Brazil.....	Columbus
Barton Mervin Brier.....	Columbus
David Lee Bruey.....	Lisbon
Jeffrey Burke.....	Columbus
Alice Bernadette Clark.....	Columbus
Karen Ranney Clegg.....	Rocky River
Connie Elizabeth Connell.....	Columbus
Paul Wilson Archibald Courtneil, Jr.....	Chatham, Mass.
Mary Ann Butchko Davis.....	Lorain
Robert Hamilton Davis.....	Columbus
Alan Eugene Diamond.....	Cleveland
Elizabeth Lynn Diffendal (cum laude).....	Dayton
Julia Ann Donnelly.....	Fort Monroe, Va.
Richard John Dreiman.....	Columbus
Willie Raphael Eldad Dreyer.....	Columbus
David Andrew Dumm.....	Lima
Carole Ann Dyda.....	Pittsburgh, Pa.
Kathleen Ann Evans.....	Lyndhurst
Jochen Helmut Ewing.....	Springfield
Carole Lynn Federle.....	Cincinnati
Beulah Fay Fleming.....	Columbus
Miriam Jean Freeman.....	Baltimore, Md.
Timothy Brian Frost.....	Columbus
Kay Elaine Gearhart.....	Columbus
Richard Gilbert Gibb.....	Marion
Constance Kostas Giokaris.....	Columbus
Kenneth Roy Girouard.....	Columbus
Sandra Jeanne Giusti.....	Cuyahoga Falls
Linda Katherine Goebel.....	Rochester, N. Y.
Ronald Stanley Gravett.....	Cincinnati
Ruth Ann Harding.....	New Philadelphia
Robert James Henning.....	Fremont
*Barbara Hoffman.....	Washington, D. C.
Richard Clark Janusz.....	Blue Rock
Eileen Ann Jelus.....	Hamilton
Gerald Marvin Kaplan.....	Shaker Heights
Cornelius Armin Karalius.....	Cleveland Heights
James Gary Kinner.....	Bryan
Mark Kirkpatrick.....	Rocky River
Stephen Elliott Kramer III.....	Columbus
Barry Mark Krengel.....	New York, N. Y.
John Thomas Kromer.....	Bay Village
Antoinette Krupski.....	Cleveland
John Karl Lautenschleger.....	Elyria
William Kenneth Law.....	Hamilton
Neil David Leiner.....	University Heights
James Robert Lewis.....	Bellbrook
Marilyn Fletcher Longwell.....	Chillicothe
Gary William Marsh.....	Cuyahoga Falls
John Patrick Marshall, Jr.....	Pittsburgh, Pa.

\* Two degrees

Mary Jean Slany McGreevy.....	Cleveland
Kenneth Darryl Meadows.....	Columbus
Jean Ann Mitchell.....	Lima
Franklin Calvin Mohler II.....	Columbus
James Ronald Morgan.....	Columbus
Joseph Michael Murphy.....	Columbus
Richard Don Norling, B.Sc.....	Columbus
Shirley Adams Palmer (cum laude).....	Worthington
Dougal Johnson Pendergast.....	Gahanna
Robert Charles Phillips.....	Steubenville
Jacquelyn Small Porter.....	Cleveland
Harold Russell Preston.....	Cincinnati
Barbara Elizabeth Rall (cum laude).....	Columbus
Wayne Allan Reese.....	Bay Village
Thomas Andrew Ringman.....	Painesville
Barbara Smith Rion.....	Springfield
Jane Anne Roessler.....	Zanesville
Virginia Halstead Rogers.....	Columbus
Mark Irwin Rosen.....	Columbus
Leslie Charles Sackett.....	Tallmadge
*Esther Savransky.....	Erie, Pa.
Roxy Harris Schein.....	Valley Stream, N. Y.
Stephenie Kam Jean Seto.....	Honolulu, Hawaii
David Joseph Sgro.....	Cleveland
Joyce Helene Shur.....	Cleveland
John Douglass Snyder.....	Pittsburgh, Pa.
*Sharon Jane Spahr.....	Fairborn
Orest Steciak.....	Cleveland
John Stuart Steinhauer.....	Cuyahoga Falls
Wayne Curtis Thompson.....	Columbus, Ind.
Dorothy Lynn Torrey.....	Bowling Green
William Ward Welch.....	Cleveland
John Robert Windeler.....	Madison, N. J.
David William Witherspoon.....	Columbus
Ruthanne Will Worley.....	Cuyahoga Falls

(Eighty-seven candidates)

### Bachelor of Science

Eleanor Bachofen Barnett.....	Columbus
James Wagg Barnhardt, Jr.....	Columbus
James Edward Bernier (cum laude).....	Dayton
Suzanne Catalano Camper.....	Woodville
David Allen Christman.....	Marion
Lee William Cook.....	Westerville
James Earl Cripe.....	Columbus
Roy Allen Cuthbert.....	Galena
David Paul Gruber.....	Cuyahoga Falls
Thomas Charles Himler.....	Cleveland
Richard Lee Johnston.....	Franklin
Pete Julius Karas.....	Ashland
Gena Maria Klopp.....	Findlay
Thomas Charles Koch.....	Bay Village
Richard Ellis Kouri.....	Akron
Douglas Stuart LeVasseur.....	Ringgold, Ga.
Thearthur Little.....	Cleveland

\* Two degrees

Robert Andrew Maynard.....	Baltimore, Md.
Samuel Merritt McCandlish.....	Columbus
Charles Theodore Meyer.....	Bridgeport
Herbert Joy Mills.....	Lorain
David Chapin Mulby.....	South Euclid
John Thomas Neer.....	Bellville
Nanette Lynn Never (cum laude).....	Newark
James Wayne Nielson, Jr.....	Kettering
Kenneth Alan Pendleton.....	Ashtabula
Sumitr Pitiphat.....	Nongkai, Thailand
Susan Jane Porter.....	Yellow Springs
Gene Stacy Ralston.....	McConnelsville
Larry Lee Reed.....	Columbiana
Betty Alice Rosenman.....	Cleveland
Carol Ann Rusnik.....	Akron
Ann Elizabeth Scheuneman.....	Hamilton
Jerome Robert Schroer.....	Columbus
Richmond Bentley Shreve, Jr.....	Shaker Heights
George Frederick Shuttleworth.....	Columbus
Paul Richard Spofford.....	Bethel Park, Pa.
William Sunday Swisher.....	Springfield
David Jerome Watson.....	Pensacola, Fla.
Bob Leroy Weber.....	Columbus
Andrew Michael White.....	Lorain
Richard Paul Winslow (summa cum laude).....	Falls Church, Va.
Linda Mae Zesiger.....	Newark

(Forty-three candidates)

#### **Bachelor of Science in Medical Technology**

Mary Susan Ibaugh.....	Columbus
Sharon Hamrick King.....	Columbus
Barbara Dunn Laedlein.....	Pittsburgh, Pa.
Sharon Kay McHugh.....	Columbus
Lynn Edwards Wenger.....	East Canton

(Five candidates)

#### **Bachelor of Science in Physical Therapy**

Harley Eugene Flack.....	Zanesville
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(One candidate)

### **SCHOOL OF JOURNALISM**

#### **Bachelor of Arts**

Jerry Lee Bailey.....	Canton
JoAnn Reeder Brubaker.....	Dayton
Carole Lee Edwards.....	Griffiss AFB, N. Y.
Susan Barnes Forman.....	Columbus
William Keene Gale.....	Berea
Pamela Sue Harman.....	Worthington

(Six candidates)

**SCHOOL OF OPTOMETRY**

**Bachelor of Science  
in Optometry**

**Ronald David Frame.....Belpre**

**(One candidate)**

# COLLEGE OF COMMERCE AND ADMINISTRATION

Dean: JAMES R. MCCOY

## Bachelor of Science in Business Administration

Eric Donald Andreoli, B.Sc. in Agr.....	Wadsworth
Robert Louis Asebrook.....	Springfield
William Gary Baker.....	Worthington
Joyce Foutty Bane.....	Parma
Arnold Austin Becker, Jr.....	Columbus
Robert Michael Bilsing.....	Upper Sandusky
Wilhelm Bogner.....	Mansfield
Willard Bornstein.....	Columbus
Michael Timothy Brown.....	Columbus
Jerry Lee Burke.....	Worthington
Richard Charles Burkhardt.....	Columbus
Michael Denis Burns.....	Defiance
William Douglas Chapman.....	Middleport, N. Y.
Phillip Eugene Cobb.....	Toledo
Daryl Wayne Corbett.....	Columbus
William Roe Cromley.....	Ashville
James Stephen Csizmadia.....	Wickliffe
Antoinette Nawalanic Daniels.....	Cleveland
Dana Welcome DeVos.....	Columbus
Douglas Jay Drenik.....	Wickliffe
Douglas Dee Dye.....	McConnellsville
Richard William Flynn.....	Dayton
Douglas Dean Fockler.....	Lima
Robert Lynn Gardner.....	Orrville
William John Gasser.....	Poland
Ronald Samson Glick.....	Portsmouth
David Douglas Greene.....	Ashtabula
Larry Allen Gress.....	Columbus
David Allen Hammond.....	Mt. Vernon
Richard Bryan Hartley.....	Toledo
Gary Donald Helf.....	Cleveland
Keith Francis Henley.....	Worthington
Nancy Ellen Howell.....	Newark
Thomas Richard Howell.....	Dayton
John Ebert Howells III.....	Mt. Vernon
John Braden Irons, Jr.....	Lakewood
Robert David Jacobs.....	Columbus
William Allen Johnson.....	Columbus
Michael Alban Jones.....	Columbus
Herbert Raymond Katz.....	Cleveland Heights
Marvin Bruce Klein.....	New York, N. Y.
John Riegler Landefeld.....	North Canton
Robert Eugene Lang.....	Cleveland
Walter John Lazar.....	Euclid
Lawrence Joseph Lester.....	Cleveland
Stephen Herbert Lipson.....	Columbus
Thomas Harold Logan.....	Columbiana
Richard Paul Luckerman.....	Cincinnati
Thomas Lee Mains.....	Findlay
Michael Eugene Manley.....	Eaton
Gary Lee Martin.....	Toronto

Terry Eugene Martin.....	Columbus
Louis Allen McDaniel, Jr.....	Gahanna
Timothy John McGrath.....	Columbus
Michael Francis Miller.....	Findlay
Ronald Charles Miller.....	Columbus
John Michael Mills.....	Hebron
Margaret Lee Montgomery.....	Cuyahoga Falls
Harold Lee Morgan.....	Sandusky
Donald Leo Mundy.....	Salem
William Ira Munsey, Jr.....	Portsmouth
Arthur Dean Neff.....	Cambridge
Jerry Frank Nichols.....	Mansfield
Richard Allen Parish.....	Findlay
Gary Manning Patton.....	Springfield
Sanford Miles Pollack.....	Cleveland
George Charles Rittel.....	Columbus
Craig Alan Robertson.....	Newark
Daniel Harvey Robins.....	Columbus
David Charles Rubeck.....	Newark
Robert James Ruck.....	St. Marys
Wallace Lee Rueckel.....	Columbus
John Chase Safford.....	Columbus
Gustav Arthur Seelbinder.....	Memphis, Tenn.
Benson Robert Shaman.....	Dayton
Richard John Stephan.....	Hamilton
Richard John Stillwagon.....	Columbus
Robert Wesley Suhr.....	Elyria
Betty Rae Suttle.....	Rocky River
Frederick Boswell Swan.....	Springfield
Daniel Joseph Sweeney.....	Columbus
Robert Paul Taylor.....	Marion
Warren Eldon Thurn.....	Ypsilanti, N. Dak.
William Joseph Tschantz.....	Cuyahoga Falls
John Roger Underwood.....	Lancaster
Thomas Edward Walker.....	Columbus
Lynn Martin Ward.....	Columbus
Juliana Wilson.....	Washington C.H.
Gary Kenton Witschy.....	Massillon
Philip Maddock Wood.....	Akron
William Gregory Wotschak.....	Columbus
Raymond Lee Yearsley.....	Richwood
Carl Alfred Zander.....	Parma
Daniel Ned Ziesler.....	Lancaster

(Ninety-four candidates)

## SCHOOL OF SOCIAL WORK

### Bachelor of Science in Social Welfare

Dorothy Cloe Denofre.....	Columbus
Judith Anne Kautz.....	Clearwater, Fla.
Jane Woodworth Kondracke.....	Columbus
Carolyn Lee McCarty.....	Columbus
Patricia Shelby Merriman (cum laude).....	Columbus
Gloria Good Merryman (summa cum laude).....	Columbus

**Paul Stephen Potter.....Sidney**  
**Rita Joyce Weaver.....Lorain**

**(Eight candidates)**



# COLLEGE OF DENTISTRY

Dean: JOHN R. WILSON

## Doctor of Dental Surgery

Dean William Anderson, B.A., B.S., D.V.M. (Michigan State University)

Clio, Mich.

Steven Michael Goletz, B.A.....Barberton

(Two candidates)

# COLLEGE OF EDUCATION

Dean: DONALD P. COTTRELL

## Bachelor of Science in Education

Albert Edward Abrams.....	Columbus
Linda Lee Adams.....	Coshocton
Thomas H. Adams.....	Watertown, Mass.
Jack Kenneth Anderson.....	Stony Point, N. Y.
Mary Linskey Anderson.....	Columbus
Nancy Sue Argabright.....	Dayton
Brenda Lynn Armstrong.....	Washington C.H.
James Ralph Atkinson.....	Lima
Doris Loffer Baird.....	Edison
Gwyn Mary Baker.....	Columbus
Donald Oakey Bapst (cum laude).....	Columbus
Ronald Russell Barrow.....	Columbus
Fred Warren Baum.....	Dayton
Beth McPherson Bender.....	Mt. Vernon
Marjorie Jane Berg.....	Columbus
Susan Hawkins Bettinger.....	Glenmoore, Pa.
Ruth Niver Biller.....	Willard
Albert Vincent Black, Jr.....	Centerville
Natalie Ann Bogardy.....	Amherst
Linda Pfleger Bokerman.....	Ann Arbor, Mich.
Mary Joan Bolognone.....	Columbus
Richard LeRoy Brady.....	Prospect
Virginia Lynch Branson.....	Columbus
Patricia Ann Brogan.....	Columbus
Renee Annette Broglio.....	Euclid
Donna Marie Brown.....	Warren
David Medford Butler.....	Trotwood
William Paul Cameron.....	Columbus
Christina Gay Carlson.....	Cleveland
Larry Gene Cashel.....	Van Wert
Betty Maycock Chapman.....	Columbus
Ruth Ann Christman.....	Fly
Marjorie Calentine Clark.....	Hilliard
Diantha Chandler Clarkson.....	Dayton
Ronald Walter Clegg.....	Rocky River
Joseph Gary Coffman.....	Springfield
Barbara Ann Collister.....	Jefferson
Judith Carter Coon, B.A.....	Springfield
Patrick Bruce Cordisco.....	Parma
Lynn Courtright.....	Lancaster
Karen Edith Craig.....	Erie, Pa.
Linda Crone Crowthers.....	Miamisburg
Susan Lee Cunningham.....	Toledo
Gail Page Dale (summa cum laude).....	Columbus
Mary Jane DeArmond (cum laude).....	Rockford
Molly McLaughlin Debevoise.....	Newark
Anthony Delligatti, Jr.....	Youngstown
Donald Eugene Denny.....	New Lexington
Cassandra Lee DeRan.....	Fremont
Kay Louise Detwiler.....	Saint Paris
*Helen Anne Dickerhof.....	Canton

\* Two degrees

Martha Louise Dillencourt.....	Dayton
Beverly Ann Dunn.....	Fostoria
Peter Armin Eberly.....	Bolivar
Marjorie Dee Elliott.....	Newark
Neal Franklynn Elliott.....	Monroeville, Ind.
John Elvin Evers.....	Cincinnati
Kenneth Earl Eye, B.S. (Fort Hays Kansas State College)....	Salina, Kans.
William Erwin Eyman.....	Lancaster
Jean Hautman Falko, B.A.....	Cincinnati
Patricia Anne Ferguson.....	Middletown
Elizabeth Johanna Feyh (summa cum laude).....	Columbus
Sandra Lee Finke.....	Columbus
Lois Mildred O'Dell Fisher.....	Worthington
James John Flanagan.....	Columbus
Frances Ann Cranon Fleming.....	Toledo
Mary Lynne Fravel.....	Reynoldsburg
Anne Leidy Frye.....	Newark
Marilyn Moffitt Garvin.....	West Mansfield
Dimitris Gerou.....	Piraeus, Greece
George Thomas Gibson.....	Columbus
John Llewelyn Gibson.....	Columbus
Tamara Lynn Gold.....	Akron
Saundra Lou Golding.....	New London
Betty Price Goldsmith.....	Alexandria
Peggy Ann Goosmann.....	Chagrin Falls
Iris Evelyn Graham.....	Columbus
Barbara Miller Greenberg.....	Mt. Vernon, N. Y.
Keith Wayne Gregory.....	Wilmington
Louella Eades Gripne.....	Akron
Reba Law Gross (cum laude).....	Dayton
Joan Tracy Hamilton.....	Mansfield
Patricia Merle Hampton.....	Columbus
Celeste Coddington Hansberger.....	Columbus
Robert Belden Harper.....	Delaware
Sharon Ann Harper.....	Columbus
Nancy Fleming Hawk.....	Lima
David Emmett Hayden.....	Newark
Donald Lewis Heinze.....	Dayton
Julie Maxwell Helenthal.....	Columbus
Carl Balthasar Heller.....	Columbus
Marjorie Kay Hicks.....	Columbus
Bruce Allen Hitchcock.....	New Middletown
*Barbara Hoffman.....	Washington, D. C.
Kathleen Karath Hoffman.....	Columbus
Donna Jean Holt.....	Hilliard
Ted Gibson Hopple.....	Dayton
Jeanne Louise Houtz (cum laude).....	Lima
John Irvine Howarth.....	Columbus
Andrya Gene Huffman (cum laude).....	West Mansfield
Barbara Elizabeth Iden.....	Newark
Janice Aleene Irwin.....	Columbus
Stephanie Ann Jewett.....	Lakewood
Elizabeth Anne Johns.....	Dayton
Kent Lewis Jones, B.Sc.....	Columbus
Sheila Marie Joyce.....	Cleveland
Linda Parrett Juillerat.....	Bloomington

\* Two degrees

Erika Julianna Kadas.....	Elyria
Ellen Marie Kaiser.....	Maumee
Kay Rothgery Karvasale.....	Grafton
Lynn Ann Kelly.....	Columbus
Gordon LeRoy Kendall.....	Dayton
Parks Allan Kennedy.....	Marion
Sandra Cohen Klee.....	Cleveland Heights
Paula Lauricella Konicek.....	Parma
Lois Tuber Kulber.....	Canton
Nancy Elliot Latham.....	Columbus
Stephen Dorack Lauver.....	Painesville
Barbara Erlanger Lichtblau (summa cum laude).....	Canton
Kay Yocom Long.....	Middletown
Pat Annette Lynn.....	Lima
Sharon O'Reada Markey (summa cum laude).....	Junction City
Florence Brobeck Mayers.....	Richwood
Richard Eugene McCall.....	Bucyrus
Frank Moore McDonald, Jr.....	Akron
Susan Brown McIver.....	Columbus
Mary Middleton.....	Euclid
Craig Melvin Mielke.....	Columbus
Barbara Mears Miller.....	Columbus
Dorothy Jenot Mills.....	Cleveland
Robert Joseph Mizer (cum laude).....	Bakersville
Ross Joseph Monaco.....	Steubenville
William Earl Montgomery.....	Shadyside
Ruth Ann Moore.....	Cambridge
William Stoner Newcomb, Jr.....	Columbus
Larry Don Newhouse.....	Grove City
William Eric Gustav Nyberg.....	Salem
Jennifer Jane Oech.....	Worthington
Millicent Jane Orban.....	Dayton
Barbara Jon Osterman.....	Columbus
Vickie Joelean Overholser.....	Kettering
Linda Carol Pack.....	Dayton
Sandra Tong Parr.....	Columbus
Joan Lorenz Parsons.....	Columbus
David Boyd Payne, B.A.....	Columbus
John Eugene Perkins.....	Dayton
Rosalyn Honey Pincus.....	Flushing, N. Y.
Evelyn Ivora Pool.....	Columbus
Joyce Small Powers.....	Kankakee, Ill.
Mary Heilman Powers.....	Columbus
Patricia Jane Price.....	Portland
Jan Friedman Raffo.....	Danville, Ill.
Mary Kay Rainey.....	Columbus
Barbara Anderson Rea.....	Marion
Marian Jackson Reda.....	Columbus
Carolyn Jane Reese.....	Columbus
Cynthia Sue Reichert.....	Worthington
Carmen Mavia Reid.....	Columbus
Jerome Scott Renner.....	Cambridge
Richard Lee Repasky.....	Canton
Gerald Roger Richards.....	Carey
Roberta Thoroman Richardson.....	Dayton
Bruce Lyon Riddle.....	Mt. Gilead
Linda Joyce Rimlinger.....	Barberton

Nancy Shaw Ritchey.....	Newark
Linda Rae Robinson.....	Columbus
Robin Michael Robinson.....	Columbus
Jan Carl Roshong.....	Canton
William Clinton Ruoff.....	Columbus
Terence Lee Ryan.....	Columbus
Marilyn Jean Sanderson.....	Akron
*Esther Savransky.....	Erie, Pa.
Ralph Allen Scherler.....	Cleveland
Pauline Brown Schroeck (summa cum laude).....	Marion
Linda Schermer Schulman.....	University Heights
Nancy Ann Schwartz.....	Euclid
Mary Elizabeth Scott.....	Rome, Ga.
Sandra Sue Seaman.....	Newark
Sidney Wesley Sheets.....	Delaware
Eleanor Dixon Shipley.....	Urbana
Judith Arlene Silverstein.....	Cincinnati
Bernice Porter Slate.....	Columbus
Byron Gene Smith.....	Mt. Sterling
Martha Woodyard Smith.....	Carroll
*Robert Lee Smith.....	Worthington
*Sharon Jane Spahr.....	Fairborn
Mary Hopper Sparlin.....	Columbus
Sharon Anne Standard.....	Columbus
Paula Mikusa Stanton.....	Columbus
David Lee Stitsinger.....	Hamilton
John Philip Tankovich, B.Sc.....	Columbus
James Franklin Thomas.....	Lancaster
Alfred Joe Townsley.....	Cedarville
Sandra Werlich Vance.....	Columbus
David Alan Van Teslaar.....	Barberton
Arthur Terry Vogt.....	Sebring
Velma McKinley Walcutt.....	Amlin
Furnal Wallen.....	Cincinnati
Cheryl Louise Warne.....	Cambridge
Martha Ann Wells.....	Van Wert
Myra F. Werner.....	South Euclid
Carol Sonkin West.....	Cleveland Heights
Sharon Clark Wheeler.....	Lake Worth, Fla.
Beverly Jean Whitaker, B.A. (summa cum laude).....	Pittsburgh, Pa.
Ann White.....	Toledo
Constance Swinney Whitham.....	Agency, Ia.
Carolyn Louise Whittington.....	Galena
James Howard Wiblin.....	Granville
Sue Ellen Winegardner.....	Lafayette
Judith Johnson Zolman (cum laude).....	Columbus

(Two hundred and ten candidates)

### Bachelor of Fine Arts

Marlene Elizabeth Blum.....	Columbus
Karen Ione Egeland.....	Amherst
Richard Allen Genheimer.....	Columbus
Martin Lewis Hunter.....	South Charleston
Chester Ray Starn.....	Orrville
Mary Lynn Stich.....	Delaware

\* Two degrees

Sylvia Elaine Tobler.....Cincinnati  
 Marilyn Peters Ward.....Columbus  
 Glenda Susan Wise.....Birmingham, Ala.

(Nine candidates)

# **Bachelor of Music**

\*Helen Anne Dickerhof.....Canton  
 Gwendolyn Chester Shrader.....Newark

(Two candidates)

\* Two degrees

# COLLEGE OF ENGINEERING

Dean: HAROLD A. BOLZ

## Bachelor of Aeronautical and Astronautical Engineering

Charles Robin Kilmer.....Clyde  
(One candidate)

## Bachelor of Agricultural Engineering

Robert James Walker.....Massillon  
(One candidate)

## Bachelor of Chemical Engineering

Frederick John Rerko.....Johnstown, Pa.  
Michael Culbertson Royer.....Columbus  
(Two candidates)

## Bachelor of Civil Engineering

Larry Wayne Bruner.....Columbus  
Alf Erik Dettloff.....Columbus  
Clifford Austin Merritt.....Lorain  
Richard Dennis Morrissey.....Lima  
Roman Anthony Schwieterman.....Dayton  
David Gordon Spahr.....Xenia  
(Six candidates)

## Bachelor of Electrical Engineering

Joseph Richard Avampato.....Norwalk  
Robert Lee Campbell.....Worthington  
Ralph David Ehrich.....Columbus  
William Livingston Hale.....Columbus  
Richard Norman Handler.....Cleveland Heights  
Luis Earl Jordan.....Cleveland Heights  
Richard Edmond Lehman.....Dayton  
Larry Edwin Lint.....Canton  
Thomas Richard Mongold.....Lynchburg  
David Michael Shupe (cum laude).....Columbus  
George Thomas Sites.....Columbus  
Leonard Lo-Ho Tsai (cum laude).....Columbus  
Niles Allen Walker.....New Philadelphia  
Richard Armstrong Wartenberg.....Woodsfield  
(Fourteen candidates)

## Bachelor of Industrial Engineering

Kenneth Eugene Clark.....Columbus  
William Michael Harral.....Circleville  
Fred Edwin Leupp.....Columbus  
\*Douglas Jay Moore (summa cum laude).....Oak Harbor  
Louis William Rayer.....Cleveland  
(Five candidates)

\* Two degrees

### **Bachelor of Mechanical Engineering**

Peter Carl Clark.....Mt. Vernon  
Rodney Howard Detty.....Piketon  
David Wayne Doll.....Lucasville  
William Terry Flickinger.....Marion  
\*Ted William Tucker.....Rochester, N. Y.  
\*Jon Daniel Yonko.....Shadyside

(Six candidates)

### **Bachelor of Engineering in Mining**

Bruce Cardiff Wilson.....Circleville

(One candidate)

### **Bachelor of Science in Physics**

Norman Patrick Barnes.....Brunswick  
Edwin Todd Russell.....Utica  
Philip A. Schlosser.....Columbus

(Three candidates)

## **SCHOOL OF ARCHITECTURE AND LANDSCAPE ARCHITECTURE**

### **Bachelor of Landscape Architecture**

Douglas Andrew Greig.....Hamilton  
Michael Ray Whitham.....Agency, Ia.

(Two candidates)

\* Two degrees



## COLLEGE OF LAW

Dean: IVAN C. RUTLEDGE

### Juris Doctor

Zel Canter, B.S. (Northwestern University) ..... Portsmouth  
Rex Denton Throckmorton, B.S. (Denison University) ..... Columbus

(Two candidates)

### Bachelor of Laws

Erick Randolph Alden, B.A. .... Columbus  
Otto Beatty, Jr., B.A. (Howard University) ..... Columbus  
Conrad Dew Carnes, B.A. .... Columbus  
John Paul Dotson, B.A. .... Mt. Vernon  
Larry Albert Ford, B.A., B.Sc. in Edu. .... Cadiz  
James Tandy Frantz, A.B. (Harvard College) ..... Columbus  
Frederick Edward Henning, B.A. (University of Toledo) ..... Toledo  
John Delbert Hobday, B.A. (Kent State University) ..... Cuyahoga Falls  
James Bertram Hochman, B.Sc. in Bus. Adm. .... Columbus  
Bruce Andrew Hyslop, B.A. (Wheaton College) ..... St. Clairsville  
James William Jordan, A.B. (Western Reserve University) ..... Eastlake  
Kenneth Robert Long, B.A. (Ohio Wesleyan University) ..... Delaware  
George W. Moore III, B.S. in Bus. (Miami University) .... Cheyenne, Wyo.  
Richard Walter Price, B.A. (Youngstown University) ..... Youngstown  
Anthony Richard Troia, B.S. in B.A. (Kent State University) .... Ravenna  
James Albert Wilson, A.B. (Wittenberg University) ..... Lebanon

(Sixteen candidates)

## **COLLEGE OF MEDICINE**

**Dean: RICHARD L. MELLING**

### **Bachelor of Science in Nursing**

Angela Marie Boellner.....	Maumee
Barbara Irene Borer.....	Tiffin
Nancy Ellen Brandes.....	Elmore
Sophie Mae Bukovinsky.....	Struthers
Mary Patricia Carey.....	Fairview Park
Rebecca Byrne Cousins.....	Fort Jennings
Beverly Jean Linde.....	Harrisburg, Pa.
Susan Patricia Metcalf.....	St. Clairsville
Catherine Lee Morgan.....	Piqua
Susan Sutphin Soeder.....	Euclid
Arlene Thompson.....	Pittsburgh, Pa.
Bettie Keene White.....	Columbus
Sara Ann Young.....	Springfield

(Thirteen candidates)

### **Bachelor of Science in Occupational Therapy**

Judith Conover Funaro.....	Columbus
Marylou Graham.....	Kalamazoo, Mich.
Inez Kay McDaniel.....	Worthington
Maureen Anne Roach.....	Columbus
Rita Lynn Yaxley (cum laude).....	East Cleveland

(Five candidates)

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 10, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, February 10, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, Bertram D. Thomas, John G. Ketterer, Mervin B. France, and James W. Shocknessy.

Minutes of the last meeting were approved.

February 10, 1966 meeting, Board of Trustees

PRESIDENT'S HOUSE - ACTION OF DECEMBER 9, 1965 RESCINDED

Mr. Alan Loop, Chairman of the Board of Trustees, presented the following statement:

On December 9, 1965, this Board of Trustees authorized the Vice President for Business and Finance to proceed with the construction of a President's House with the understanding that no tax funds would be used and that the total costs of the project would not exceed \$300,000.00.

Subsequent to the Board action, President Fawcett requested the Board of Trustees, through its Chairman, to reconsider and rescind the action taken on December 9, and he issued a public statement giving his reasons for this request. A copy of the President's statement was sent to each member of the Board. As Chairman of the Board, I am, therefore, placing before you the request of President Fawcett that the action taken on December 9 pertaining to the construction of a President's House be reconsidered and rescinded.

Upon motion of Mr. France, seconded by Mr. Ketterer, President Fawcett's request, as set forth in the above statement by Chairman Loop, was approved by a roll call vote with six persons voting affirmatively, one negatively, and one abstaining. Those voting "Yes" were Messrs. France, Ketterer, Davis, Allyn, Shocknessy, and Loop; Dr. Thomas voted "No"; and Mr. Bricker abstained.

Mr. James Shocknessy then made the following statement:

I would like to say that as a member of this Board of Trustees who voted against the December 9, 1965 resolution authorizing the construction of a President's House, I am of the opinion that the University may need a new house for the President and that such a new house ought to be constructed on a new site because of the congestion in the area of the present house and other factors which may affect the location of a new house. Accordingly, it would seem to me that it would be advisable to have a committee of this Board to consider this matter further, and I would recommend that the Chairman appoint such a committee. I do not want the action to rescind the December 9, 1965 resolution to be interpreted that this Board is, or I am, unalterably opposed to the construction of a suitable house for the President. It is for this reason I am proposing the appointment of a committee to consider the advisability of constructing a suitable and appropriate house for the President.

Dr. Thomas then asked Mr. Shocknessy whether or not such a house should be built at taxpayers' expense.

Mr. Shocknessy responded by indicating that if the contract which the University has with the President includes housing, then a house might well be constructed at taxpayers' expense, if necessary. Mr. Shocknessy added, "I am not inquiring at this time what disposition is to be made of the money given for this purpose; however, if the Board wishes to discuss it, I am perfectly willing to do so."

The Chairman, Mr. Loop, stated that the request for the appointment of a committee, as recommended by Mr. Shocknessy, would be taken under consideration.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Don Scott Field Master Plan

The official master plan for Don Scott Field, as previously approved by the Board of Trustees, requires further modification to conform to new regulations of the Federal Aviation Agency. Among these changes, most of which are not of substantive nature, is the establishment of a 200-foot building set-back line south of the main east-west taxiway. This is necessary to conform to Federal Aviation Agency regulations governing fields with runways over 4,200 feet in length.

It is recommended therefore that the six accompanying maps identified as "Master Plan for Don Scott Field," as revised in accordance with the requirements of the Federal Aviation Agency and dated as revised February 10, 1966, be approved.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote, and the Secretary was instructed to file the revised "Master Plan for Don Scott Field" with the official records of the Board of Trustees.

B. Naming of First Academic Building  
on the Lima Branch Campus

The Advisory Committee of the Lima Branch of The Ohio State University has unanimously proposed that the first building on the new Lima Branch Campus be designated "John Galvin Hall." This proposal is made in recognition of the leadership and financial support Mr. John Galvin has given to the development of the Lima Branch.

It is therefore recommended with the concurrence of the President's Cabinet that an exception be made to the standing policy that buildings and structures shall not be named for living persons and that the above proposal of the Advisory Committee of the Lima Branch be approved.

Upon motion of Mr. Bricker, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

C. Wright State Campus - Development of Student Activities  
and Limited Residence Hall Facilities

The Wright State Campus Advisory Board, with Mr. Robert Oelman as chairman, at a meeting on January 20, 1966, by formal resolution identified the need for additional student activities facilities and residence hall space on the site of the Wright State Campus.

I. GENERAL RECOMMENDATIONS (continued)

C. Wright State Campus - Development of Student Activities and Limited Residence Hall Facilities

In response to the above expressed need, it is recommended that the Board of Trustees of The Ohio State University authorize the President, and such other administrative officials of the University as may be designated by him to explore the manner in which additional student activities facilities and limited residence hall facilities at the Wright State Campus can be funded and to assist when appropriate in the development of such facilities.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

D. Amendment to Article I, Section 1, of the Bylaws of the Board of Trustees of The Ohio State University

The supply of the publication which includes the Bylaws of the Board of Trustees and the Rules for the University Faculty is depleted. It is recommended therefore that the Secretary be authorized to have the publication reprinted incorporating the following: (a) amendment in Article I, Section 1, of the Bylaws of the Board of Trustees to conform with the current meeting date, which is the second Thursday of each month rather than the second Friday of each month; and (b) all other revisions which have been duly authorized by the Board of Trustees since the last printing of the document.

Upon motion of Mr. France, seconded by Mr. Davis, the Board of Trustees approved the above amendment to Article I, Section 1, of the Bylaws of the Board of Trustees by a unanimous roll call vote.

E. Authorization for the Filing of Applications for Grant Funds Under Title I of the Higher Education Facilities Act of 1963

It is recommended that the following resolution be adopted by the Board of Trustees in order that The Ohio State University may comply with the instructions from the U. S. Office of Education for the filing of applications for grant funds under Title I of the Higher Education Facilities Act of 1963:

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, the governing body of The Ohio State University, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the projects described as follows:

I. GENERAL RECOMMENDATIONS (continued)

E. Authorization for the Filing of Applications for Grant Funds Under Title I of the Higher Education Facilities Act of 1963 (continued)

Systems Engineering Building - Center for Tomorrow -  
Electronics Laboratory - General College - Biological  
Sciences Building - Humanities, Speech Theatre - Humanities,  
Language Building - Dayton Campus, Science Building -  
Branch Campus Buildings at Lima, Marion, and Newark

NOW, THEREFORE, BE IT

RESOLVED, that applications for the projects described above are authorized and directed to be filed with the Ohio Board of Regents, with the understanding that if upon due consideration by said Board, applying the criteria of the State plan, certain or all of said applications receive a priority rating sufficiently high to receive grant funds under the aforementioned act, they will be forwarded to the U. S. Commissioner of Education for consideration for his approval and be it further

RESOLVED, that the governing body of the applicant designated Novice G. Fawcett, President of The Ohio State University, as the person authorized to file applications and act as the representative of the applicant in connection with said applications.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above resolution was adopted by unanimous roll call vote.

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II. PERSONNEL CHANGES

Before making the recommendations for the appointment of personnel, President Fawcett made the following statement:

I should like to comment on two significant promotions which have come to key University officers since the last meeting. Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, will assume a new post as President of the University of Missouri on August 1, 1966. We are sorry that he could not be here this morning, but he had a commitment that could not be broken. This is his second year at The Ohio State University; and as you know, he has given excellent direction to the academic affairs of the University and has been instrumental in initiating three or four basic policy changes. One of these changes is the development of a proposal for a new College of Biological Sciences which was approved by the Faculty Council at its meeting last Tuesday. It is my intention to bring this recommendation to create the new College to you at the March meeting. We regret very much to

II. PERSONNEL CHANGES (continued)

see Dr. Weaver leave us before he has had time to complete the important projects which he has so ably gotten under way; however, we do wish him well in his new and challenging role in educational administration.

Dr. Edward Q. Moulton has been appointed to the Presidency of the University of South Dakota, and I extended him a special invitation to attend the meeting this morning. Dr. Moulton is Associate Dean of Faculties and Dean of Off-Campus Education and will leave this post to take up his new duties on July 1, 1966. Before becoming Associate Dean in the Office of Academic Affairs, Dr. Moulton served this University with distinction as Associate Dean of the Graduate School, Associate Dean of the College of Arts and Sciences, and as a member of the faculty in the College of Engineering. We are sorry indeed to see him leave us, but we are happy for him and support him in this promotion and advancement. I wish to officially congratulate both of these gentlemen and to indicate that we are working diligently to find replacements for them.

Dr. Thomas with the unanimous and enthusiastic concurrence of the entire Board extended felicitations and good wishes to Dr. Weaver and Dr. Moulton in their new assignments.

Mr. Allyn on behalf of the people of the Dayton community extended high commendation and appreciation to Dr. Moulton for the outstanding service he has rendered in the development of the Wright State Campus.

President Fawcett followed with the recommendation that all personnel changes since the December 9, 1965 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Change in Administrative Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Administrative Responsibility

Ted R. Robinson from Associate Director of Admissions to Director of Admissions, effective February 1, 1966, at a salary of \$12,768.00 per annum.

B. Appointments

Karl Brunner appointed to the Everett D. Reese Professorship of Economics and Banking, Departments of Economics and Business Organization, effective October 1, 1966, at a salary of \$25,068.00 per annum.



February 10, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointments (continued)

Charles L. Babcock, Professor and Chairman, Department of Classical Languages, effective October 1, 1966, at a salary of \$17,368.00 per annum.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons are recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Rodney D. Haines, Instructor (County Extension Agent, 4-H) Lawrence County, effective January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

William L. Melvin, Instructor (County Extension Agent, 4-H) Hocking County, effective January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

David R. Miskell, Instructor (County Extension Agent, Agriculture), effective January 1, 1966 through March 15, 1966, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Henry J. Barre, Professor, Agricultural Engineering, effective January 1, 1966 through March 31, 1966, to serve on the Ford Foundation contract at Ludhiana, Punjab, India.

Anthimos J. Christoforidis, Professor, Radiology, extended from January 1, 1966 through January 31, 1966. (Original leave granted November 1, 1965 through December 31, 1965.)

Carl E. Nielsen, Professor, Physics, effective April 1, 1966 through June 30, 1966, to engage in research at the Culham Laboratory UKAEA, Abingdon, Berks, United Kingdom.

Joan M. Webber, Associate Professor, English, effective January 1, 1966 through September 30, 1966, to accept a Guggenheim Fellowship.

Lena M. Bailey, Instructor, School of Home Economics, effective January 1, 1966 through June 30, 1966, to participate in a program of professional improvement.

February 10, 1966 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### D. Leaves of Absence Without Salary (continued)

Hugh A. Durbin, Instructor of Library Administration, Library, effective January 1, 1966 through May 31, 1966, to participate in a program of professional improvement.

Donald K. Myers, Instructor (County Extension Agent, Agriculture), Cooperative Extension Service, effective February 1, 1966 through March 15, 1966, to participate in a program of professional improvement at Michigan State University.

### E. Emeritus Titles

Clarence D. Brown, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Agriculture), effective January 1, 1966.

Cecil A. Lamb, Agronomy, with the title Professor Emeritus, effective February 1, 1966.

Upon motion of Mr. Davis, seconded by Dr. Thomas, the Change in Administrative Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents of the University.

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## III. GENERAL CONTRACTS AND AGREEMENTS

### A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it is recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

#### 1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mosquito Studies (to be known as National Institutes of Health Project No. 702 - Ext. #9 - Department of Zoology and Entomology).  
Gross Value - \$24,404.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Studies in Primate Learning and Perception (to be known as National Institutes of Health Project No. 887 - Ext. #7 - Department of Psychology).  
Gross Value - \$23,682.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hemopoiesis: A Histochemical and Cytological Study (to be known as National Institutes of Health Project No. 893 - Ext. #7 - Department of Anatomy).  
Gross Value - \$33,192.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Phospholipide Metabolism in Relation to Cell Division (to be known as National Institutes of Health Project No. 911 - Ext. #7 - Institute of Nutrition and Food Technology).  
Gross Value - \$18,180.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Southwest Cooperative Chemotherapy Group (to be known as National Institutes of Health Project No. 1094 - Ext. #6 - Department of Medicine).  
Gross Value - \$26,875.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hormonal Regulations of Cellular Processes (to be known as National Institutes of Health Project No. 1172 - Ext. #5 - Department of Agricultural Biochemistry).  
Gross Value - \$22,200.00.
- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Ethanolamine Metabolism in Animals and Plants (to be known as National Institutes of Health Project No. 1217 - Ext. #5 - Department of Physiological Chemistry).  
Gross Value - \$15,856.00.
- h. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Ventricular Ejection Studied by Simplified Techniques (to be known as National Institutes of Health Project No. 1337 - Ext. #5 - Department of Medicine).  
Gross Value - \$12,672.00.
- i. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as Atomic Energy Commission Project No. 1398 - Mod. #4 - Department of Chemistry).  
Gross Value - \$35,000.00.

February 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- j. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Lipoproteins and Cellular Organization (to be known as National Institutes of Health Project No. 1404 - Ext. #4 - Department of Physiological Chemistry). Gross Value - \$17,899.00.
- k. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mechanism of Biosynthesis of Heteropolysaccharides (to be known as National Institutes of Health Project No. 1541 - Sup. #1 - Department of Agricultural Biochemistry). Gross Value - \$7,320.00.
- l. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Genetic Analysis of Foulbrood Resistance (to be known as National Institutes of Health Project No. 1572 - Ext. #3 - Department of Zoology and Entomology). Gross Value - \$19,200.00.
- m. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Germ-Free and Gnotobiotic Ruminant Nutrition Studies (to be known as National Institutes of Health Project No. 1586 - Ext. #3 - Institute of Nutrition and Food Technology). Gross Value - \$20,222.00.
- n. Department of Health, Education and Welfare, National Institutes of Health, Bethesda, Maryland, Neuroendocrine Integration in a Simple Organism (to be known as National Institutes of Health Project No. 1622 - Ext. #2 - Department of Psychiatry). Gross Value - \$10,387.00.
- o. Department of Army, Office of Civil Defense, Washington, D. C., Studies of Organizational Functioning in Disaster (to be known as Office of Civil Defense Project No. 1709 - Mod. #3 - Department of Sociology and Anthropology). Gross Value - \$175,000.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Salt and Water in Connective Tissue Swelling (to be known as National Institutes of Health Project No. 1715 - Ext. #3 - Department of Physiology). Gross Value - \$3,224.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- q. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Chondroitin Sulfate in Cervical Tissue (to be known as National Institutes of Health Project No. 1756 - Sup. #1 - Department of Obstetrics and Gynecology).  
Gross Value - \$2,471.00.
- r. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., A Study of the Biological Storage System (to be known as Bureau of State Services Project No. 1763 - Ext. #2 - Department of Mathematics).  
Gross Value - \$16,746.00.
- s. National Science Foundation, Washington, D. C., Glaciology and Meteorology of Anvers Island (to be known as National Science Foundation Project No. 1885 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$57,900.00.
- t. National Aeronautics and Space Administration, Washington, D. C., Radar and Microwave Radiometric Techniques for Geoscience Experiments (to be known as National Aeronautics and Space Administration Project No. 1903 - Amend. #2 - Departments of Electrical Engineering and Geology).  
Gross Value - \$180,382.00.
- u. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, A Study of Radiation on the Biology and Population Dynamics of the Cereal Leaf Beetle, Oulem Melanopa (L). Order, Coleoptera, Family, Chrysomelaidae (to be known as U. S. Atomic Energy Commission Project No. 1928 - Mod. #1 - Department of Zoology and Entomology).  
Gross Value - \$2,377.00.
- v. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Transmission of Intense Laser Radiation (to be known as Systems Engineering Group, Research and Technology Division Project No. 1935 - Sup. #2 - Department of Electrical Engineering).  
Gross Value - \$149,988.00.
- w. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research and Development of Aerospace Environmental Physiological Stresses (to be known as Systems Engineering Group, Research and Technology Division Project No. 1940 - Mod. #1 - Department of Medicine).  
Gross Value - \$7,500.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- x. Air Force Office of Scientific Research, United States Air Force, Washington, D. C., Simulation Studies of Organizational Behavior Under Stress (to be known as Air Force Office of Scientific Research Project No. 1946 - Ext. #1 - Department of Sociology and Anthropology).  
Gross Value - \$36,787.00.
- y. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, An Investigation of Mixed Conduction in Solid Electrolytes (to be known as Atomic Energy Commission Project No. 1958 - Mod. #1 - Department of Metallurgical Engineering).  
Gross Value - \$24,337.00.
- z. Rome Air Development Center, Griffiss Air Force Base, New York, High Gain Antenna Techniques (to be known as Rome Air Development Center Project No. 1963 - Mod. #1 - Department of Electrical Engineering).  
Gross Value - \$249,992.00.
- aa. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Subcellular Particles of Reticulocytes (to be known as National Institutes of Health Project No. 1964 - Ext. #1 - Department of Physiology).  
Gross Value - \$12,242.00.
- bb. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., An Industrial Arts Curriculum Project for the Junior High School (to be known as Office of Education Project No. 2032 - New - School of Education).  
Gross Value - \$32,420.00.
- cc. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Hyperpoxia on Normal and Neoplastic Cells (to be known as National Institutes of Health Project No. 2094 - Ext. #1 - Department of Medicine).  
Gross Value - \$21,649.00.
- dd. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Development of Composition Programs Based on Generative Grammar and Psycholinguistic Theory for Grades 7 - 9 (to be known as Office of Education Project No. 2133 - New - School of Education).  
Gross Value - \$261,756.00.

February 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (Continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- ee. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Investigation of Factors Influencing the Training of Educational Researchers (to be known as Office of Education Project No. 2134 - New - School of Education).  
Gross Value - \$79,133.00.
- ff. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Study of Roles for Researchers in Education (to be known as Office of Education Project No. 2135 - New - School of Education).  
Gross Value - \$85,611.00.
- gg. Air Force Office of Scientific Research, Washington, D. C., Transport Phenomena in Metals at Low Temperatures (to be known as Air Force Office of Scientific Research Project No. 2137 - New - Department of Physics).  
Gross Value - \$86,782.00.
- hh. National Science Foundation, Washington, D. C., Purchase of a High Resolution Mass Spectrometer (to be known as National Science Foundation Project No. 2141 - New - Department of Chemistry).  
Gross Value - \$115,000.00.
- ii. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Techniques for Integrating Solid-State Circuitry into Antennas (to be known as Systems Engineering Group, Research and Technology Division Project No. 2142 - New - Department of Electrical Engineering).  
Gross Value - \$70,000.00.
- jj. National Aeronautics and Space Administration, Washington, D. C., Theoretical and Experimental Studies of Antennas for Reflectometer Application (to be known as National Aeronautics and Space Administration Project No. 2143 - New - Department of Electrical Engineering).  
Gross Value - \$40,000.00.
- kk. National Science Foundation, Washington, D. C., Time Domain Interpretations of Scattering Phenomena (to be known as National Science Foundation Project No. 2144 - New - Department of Electrical Engineering).  
Gross Value - \$33,600.00.

February 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- ll. National Science Foundation, Washington, D. C., Schiff Bases: Their Metal Complexes and Role in Non-Enzymatic Trans-amination (to be known as National Science Foundation Project No. 2145 - New - Department of Chemistry).  
Gross Value - \$66,800.00.
- mm. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Investigation of a Low Profile Flush Mounted Antenna (to be known as Systems Engineering Group, Research and Technology Division Project No. 2147 - New - Department of Electrical Engineering).  
Gross Value - \$34,724.00.
- nn. Classified Program (to be known as Classified Program Project No. 2148 - New - Department of Electrical Engineering).  
Gross Value - \$119,993.00.
- oo. National Science Foundation, Washington, D. C., Chronology of Glacier Variations, Southern Patagonia (to be known as National Science Foundation Project No. 2149 - New - Institute of Polar Studies).  
Gross Value - \$18,800.00.
- pp. National Science Foundation, Washington, D. C., Investigation of Metal Carbonyls (to be known as National Science Foundation Project No. 2150 - New - Department of Chemistry).  
Gross Value - \$31,000.00.
- qq. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, (U) Re-entry Plasma EM Noise Investigations (to be known as Systems Engineering Group, Research and Technology Division Project No. 2151 - New - Department of Electrical Engineering).  
Gross Value - \$89,953.00.
- rr. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3, 2, 1-Bicyclic Mechanism (to be known as National Science Foundation Project No. 2152 - New - Department of Chemistry).  
Gross Value - \$43,000.00.
- ss. Air Force Office of Scientific Research, Washington, D. C., Formation of Moving and Stationary Detonation Waves in Flowing Combustible Mixtures (to be known as Air Force Office of Scientific Research Project No. 2153 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$51,982.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- tt. National Science Foundation, Washington, D. C., Electron Paramagnetic Resonance at Low and High Magnetic Fields (to be known as National Science Foundation Project No. 2154 - New - Department of Chemistry).  
Gross Value - \$25,900.00.
- uu. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, (U) Study of Spatial Laser Beam Modulation and Filtering to Counteract Undesired Propagation Effects (to be known as Systems Engineering Group, Research and Technology Division Project No. 2156 - New - Department of Electrical Engineering).  
Gross Value - \$49,960.00.
- vv. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Basic Research on the Separation of the Rare Earths, Scandium and Yttrium, by Solvent Extraction (to be known as Systems Engineering Group, Research and Technology Division Project No. 2157 - New - Department of Chemistry).  
Gross Value - \$27,000.00.
- ww. National Science Foundation, Washington, D. C., Coenzyme Binding and Kinetics of Enzyme Mechanisms (to be known as National Science Foundation Project No. 2160 - New - Department of Agricultural Biochemistry).  
Gross Value - \$36,000.00.

TOTAL - Government Contracts - Federal \$2,682,148.00

2. Industrial and Other Contract

- a. The Deafness Research Foundation, 366 Madison Avenue, New York, New York, Human Temporal Bone Pathology (to be known as The Deafness Research Foundation Project No. 1953 - Ext. #1 - Department of Otolaryngology).  
Gross Value - \$6,375.00.

The foregoing fifty contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$2,689,023.00.

Upon motion of Dr. Thomas, seconded by Mr. Allyn, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous vote.

February 10, 1966 meeting, Board of Trustees

### III. GENERAL CONTRACTS AND AGREEMENTS (continued)

#### B. The Report of the Research Contracts from the Engineering Experiment Station

During the period from November 24, 1965 through January 28, 1966, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts are reported to the Board of Trustees for information and record.

##### 1. Government Research Contracts

EES 276	An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$441,396.00.
EES 277	Specification for Partially Automated Control Systems for the Driver, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$212,720.00.
EES 278	Investigation of Traffic Dynamics by Aerial Photogrammetry Techniques, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$189,600.00.
SC 53	Building Code Administration Short Course, Ohio State Board of Building Standards, Department of Industrial Relations, Columbus, Ohio. Gross Value - \$1,350.00.

The foregoing four contracts for research in the Engineering Experiment Station represent a gross income of \$845,066.00.

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### IV. GRANTS AND GIFTS

The following grants and gifts to the University are among those received since December 9, 1965, and are hereby reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

#### A. Administered Through the Office of Business and Finance

1. \$6,013,546.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Division of Hospital and Medical Facilities, Silver Spring, Maryland 20910, to the University to assist in the construction of a new basic science building for the College of Medicine. (Grant 1-J02-HM-00136-01)

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

2. \$1,165,574.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bureau of State Services, Washington, D. C. 20201, to the University for a construction grant for the School of Nursing. (Grant 1J05-HMNU-00130)
3. \$609,750.00 granted by the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for construction of a general undergraduate instructional facility at the Mansfield Branch, Mansfield, Ohio. (Project No. Ohio 3-1230)
4. \$192,663.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of Dr. Richard L. Meiling, Dean of the College of Medicine, for the period January 1, 1966 through December 31, 1966. (Grant 5 S01 FR-5409-05)
5. \$176,222.00 granted by the National Science Foundation to the University for support of thirty-four graduate traineeships distributed as follows: one in Dairy Science, one in Physiological Chemistry, one in Agricultural Biochemistry, one in Physiology, one in Aeronautical Engineering, one in Agricultural Engineering, one in Chemical Engineering, one in Civil Engineering, four in Electrical Engineering, one in Mechanical Engineering, two in Metallurgical Engineering, two in Mathematics, one in Astronomy, one in Geodetic Science, one in Mineralogy, three in Physics, two in Psychology, one in Economics, one in Geography, two in Political Science, one in Sociology and Anthropology, and four which may be assigned in any of the fields supported in this program. This grant is under the direction of Dr. George R. St. Pierre, Associate Dean of the Graduate School, and terminates on September 30, 1967. (GZ-151)
6. \$121,579.00 granted by the Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for support of the College Work-Study Program under authority of Title I, Part C, of the Economic Act of 1964, for the spring term of 1966. (OE-38-45-0430)
7. \$77,386.00 granted by the National Science Foundation to the University for a second-year continuation of the award made to the University last year for graduate traineeships. This grant is under the direction of Dr. George R. St. Pierre, Associate Dean of the Graduate School, and terminates on September 30, 1967. (GE-7956 - Amendment No. 1)
8. \$46,700.00 granted by the National Science Foundation to the University for a third-year continuation of the award made to the University in March 1964 for graduate traineeships. This grant is under the direction of Dr. George R. St. Pierre, Associate Dean of the Graduate School, and terminates on September 30, 1967. (GE-4790 - Amendment No. 2)

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

9. \$40,031.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of Dr. Walter R. Krill, Dean of the College of Veterinary Medicine, for the period January 1, 1966 through December 31, 1966. (Grant 5 S01 FR-5463-04)
10. \$30,410.00 granted by the National Science Foundation to the University for support of a "Secondary Science Training Program," under the direction of Professor Arnold E. Ross, Department of Mathematics. This grant terminates on November 1, 1966. (GW-666)
11. \$27,000.00 granted by the National Science Foundation to the University for the "Purchase of a Multi-Purpose Spectrograph," under the direction of Professor Walter K. Bonsack, Department of Astronomy. (GP-5562)
12. \$24,407.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Energy Conversion in Primary Bio-Photoprocesses," under the direction of Dr. H. H. Nielsen, Department of Physics, for the period April 1, 1966 through March 31, 1967. (Grant 5-K3-GM-21,946-03)
13. \$17,900.00 granted by the National Science Foundation to the University for support of a "Secondary Science Training Program," under the direction of Professor Paul T. Yarrington, College of Engineering. This grant terminates on November 1, 1966. (GW-665)
14. \$14,385.00 granted by the Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for support of a Research Career Development Award "Identification of Gastrin-Producing Cell," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period January 1, 1966 through December 31, 1966. (Grant 1-K3-CA, 31,237-01)
15. \$11,659.00 from the U. S. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for "Graduate Training - Psychiatry," under the direction of Dr. Ian Gregory, Department of Psychiatry, for the period July 1, 1965 through June 30, 1966. (Grant 5 T1 MH-8386-02 and 3 T1 MH-8386-02S1)
16. \$6,830.00 from the Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C., to the University for "Traineeships in Occupational Therapy," under the direction of Professor Barbara Locher, College of Medicine, for the period September 1, 1965 through August 31, 1966. (Grant VRA-176-T-66 and VRA 176-T-66 Amendment No. 1)

TOTAL - Through the Office of Business and Finance \$8,576,042.00

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$100,000.00 from "The Andersons," a partnership, (Harold Anderson, Thomas H. Anderson, Richard P. Anderson, Robert J. Anderson, Donald E. Anderson, John D. Anderson, and Paul M. Kraus) and the Anderson Foundation, Maumee, Ohio, for the establishment of The Andersons Agricultural Research Fund.

The Andersons Agricultural Research Fund

The Andersons Agricultural Research Fund was established December 29, 1965, by gifts through the Development Fund from "The Andersons," a partnership, and the Anderson Foundation of Maumee, Ohio.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

Income and/or principal is to be used to support agricultural research which would be of benefit to farmers in the region in which the Andersons do business in accordance with the proposal dated December 31, 1965.

2. \$25,000.00 from E. I. du Pont de Nemours & Co. for grants-in-aid during 1966 for use of the Departments of Chemistry, Metallurgical Engineering, and Chemical Engineering.
3. \$24,672.50 from Everett D. Reese, Columbus, Ohio, to be added to the Everett D. Reese Professorship of Banking and Economics.
4. \$22,400.00 from General Motors Corporation, Detroit, Michigan, for the General Motors Corporation Scholarship Fund.
5. \$20,000.00 from an anonymous donor for support of the "Samuel and Esther Melton Professorship in Jewish History and Studies."
6. \$13,000.00 in securities and cash from the Estate of Eunice Cowen Reubel, deceased, for the establishment of the Eunice Cowen Reubel Memorial Fund.

Eunice Cowen Reubel Memorial Fund

The Eunice Cowen Reubel Memorial Fund was established December 14, 1965, by a bequest in the will of Eunice Cowen Reubel, deceased.

The principal is to be invested in accordance with the rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used for an annual graduate scholarship in business education as determined by the Reubel Scholarship Committee as provided in the plan adopted for the use of the income from this fund.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

7. \$12,000.00 from Dorothy H. and Lewis Rosenstiel Foundation, New York, New York, for the Heart Holding Fund in the College of Medicine.
8. \$11,613.75 from Robert E. Goodsell, Kenton, Ohio, for deposit in the University Endowment Fund with income to be used at the discretion of the Board of Trustees.
9. \$10,000.00 from Perry S. Fay, Columbus, Ohio, for the establishment of The Perry S. Fay Fund.

The Perry S. Fay Fund

The Perry S. Fay Fund was established December 22, 1965, by a gift through the Development Fund from Perry S. Fay (Law '11) in memory of his sons Perry S. Fay, Jr. (Engr. W'41) and David E. Fay (B.Sc. Bus. Adm. '52), and in honor of his daughter Jane Fay Ham (B.F.A. '42).

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used for the benefit of the College of Law as recommended by the Dean of said College, or in the event of a reorganization of Colleges within the University, as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

10. \$10,000.00 from Robert L. Ireland III and Jacqueline Ireland for the establishment of the R. L. Ireland III and Jacqueline Ireland Fund.

R. L. Ireland III and Jacqueline Ireland Fund

The R. L. Ireland III and Jacqueline Ireland Fund was established December 10, 1965, by a gift through the Development Fund from Robert L. Ireland III and Jacqueline Ireland (Mrs. Robert L. III).

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

Income and/or principal may be used as directed by the Dean of the College of Medicine to achieve the required support of the program in medical research, teaching, and patient care.

11. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for research in the College of Medicine.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

12. \$5,600.00 from the Estate of Gertrude S. Woodin, Columbus, Ohio--  
\$2,800.00 for the Gertrude S. Woodin Memorial Scholarship Fund  
for Music and \$2,800.00 for the Gertrude S. Woodin Memorial  
Scholarship Fund for Engineering.
13. \$5,128.33 from Dorothy Joseph Fenburr, Columbus, Ohio, for the  
Herbert L. Fenburr Laboratory in Chemical Engineering.
14. \$5,000.00 from William Bartlett Calkins for a purpose to be  
designated later.
15. \$5,000.00 from Smith, Kline & French Foundation, Philadelphia,  
Pennsylvania, for academic improvement fund for the Department  
of Psychiatry in the College of Medicine.
16. \$5,000.00 from The Camille and Henry Dreyfus Foundation, Inc.,  
New York, New York, for the Dreyfus Foundation Fund for Chemical  
Engineering.
17. \$5,000.00 from Dr. John J. Fahey, Chicago, Illinois, to be added  
to the John J. Fahey Fund.
18. \$4,828.86 from The John and Mary R. Markle Foundation, New York,  
New York, for The John and Mary R. Markle Foundation.
19. \$4,600.00 from Abbott Laboratories, North Chicago, Illinois--  
\$3,600.00 for the Abbott Laboratories Research Foundation in the  
College of Pharmacy and \$1,000.00 for the Abbott Laboratories Foun-  
dation for research in the Department of Obstetrics and Gynecology.
20. \$4,500.00 from Owens-Illinois Glass Company for the Owens-Illinois  
Fellowship in Ceramic Engineering.
21. \$4,400.00 from Westinghouse Electric Corporation for the College  
of Dentistry.
22. \$4,156.00 from Ervin G. Bailey for the Ervin G. Bailey Fund for  
Engineering.
23. \$4,062.50 from Florence Poston Carlin for the Oscar E., Florence P.,  
David P., and Philip E. Carlin Scholarship Fund.
24. \$4,000.00 from Bertram D. Thomas as an unrestricted gift to The  
Ohio State University Development Fund.
25. \$4,000.00 from The Upjohn Company for Endocrine Research Fund.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

26. \$3,600.00 from The Charles Taylor's Sons Company for the Charles Taylor's Sons Company Fellowship in Ceramic Engineering.
27. \$3,333.34 from United Health Foundation, Inc., New York, New York, for the United Health Foundation Viral Respiratory Disease Research Fund.
28. \$3,065.63 in securities from Robert M. Critchfield for the Robert M. Critchfield Fund for Engineering.
29. \$3,000.00 from National Welding Supply Association, Philadelphia, Pennsylvania, for the National Welding Supply Association Student Loan Fund.
30. \$2,820.00 from William A. Dougherty for a purpose to be designated later.
31. \$2,667.00 from Charles Pfizer & Company, Inc. --\$1,667.00 for the Infectious Disease Research Fund and \$1,000.00 for the College of Medicine Emergency Fund.
32. \$2,500.00 from The Maytag Company, Newton, Iowa, for a fellowship in Ceramic Engineering.
33. \$2,075.00 from E. I. du Pont de Nemours & Company for the Du Pont Postgraduate Teaching Assistant Award in Chemistry.
34. \$2,000.00 from Clifford C. Baltzly for the Clifford C. Baltzly Scholarship Fund.
35. \$2,000.00 from Thomas A. Boyd for the Thomas Alvin Boyd Lecture-ship in Engineering.
36. \$2,000.00 from the Arline and Thomas Patton Foundation for the Thomas F. Patton Fund for the College of Law.
37. \$2,000.00 from Cyril R. Porthouse--\$1,000.00 for the Porthouse Foundation Fund for Chemical Engineering and \$1,000.00 for a purpose to be designated later.
38. \$1,500.00 from Donald C. Power for the Donald C. Power Fund for the College of Law.
39. \$1,200.00 from Merck & Co., Inc. for the Merck & Co. Fellowship Fund for Chemistry.
40. \$1,068.75 from Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
41. \$1,068.75 from Mrs. Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.



IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

42. \$1,060.90 from Alan B. Loop for the College of Law Student Financial Aids Fund.
43. \$1,000.00 from Max M. Fisher for a purpose to be designated later.
44. \$1,000.00 from Dr. William H. Havener for the Ophthalmology Teaching Fund.
45. \$1,000.00 from Helen Harvey Hosford (Mrs. William H.) for a purpose to be designated later.
46. \$1,000.00 from Dr. James R. Hull for a purpose to be designated later.
47. \$1,000.00 from the Jasam Foundation, Inc. for a purpose to be designated later.
48. \$1,000.00 from Jesse F. Jelenko, Jr. for the Jesse Jelenko, Jr. Dental Student Loan Fund.
49. \$1,000.00 from Alexander Schoenbaum for a purpose to be designated later.
50. \$1,000.00 from Dr. Joseph L. Bitonte--\$900.00 for the Operation Eye Research Fund and \$100.00 for the Bitonte Dental Student Loan Fund.
51. \$1,000.00 from George W. Byers for a purpose to be designated later.
52. \$1,000.00 from John D. Cole for a purpose to be designated later.
53. \$1,000.00 from James H. Hoffman for a purpose to be designated later.
54. \$1,000.00 from William B. Hoyer--\$600.00 for the Charles W. Griffith Memorial Fund and \$400.00 for the James Edward Hagerty Chair Fund.
55. \$1,000.00 from Forrest G. Ketner for the Forrest G. Ketner Scholarship Fund.
56. \$1,000.00 from Howard E. LeFevre for a purpose to be designated later.
57. \$1,000.00 from Harry S. Littman for the John S. Knight Fund.
58. \$1,000.00 from Clarence S. Ohsner as an unrestricted gift to the University.
59. \$1,000.00 from Herbert H. Schiff for a purpose to be designated later.
60. \$1,000.00 from Mrs. John W. Spain (Margaret Kaufman) for the Operation Eye Research Fund.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

61. \$1,000.00 from Edwin J. Will for a purpose to be designated later.
62. \$1,000.00 from Winthrop Laboratories for the Winthrop Laboratories Fund.
63. \$1,000.00 from Robert D. Henry for the establishment of the Irvin C. Henry Library Fund.

Irvin C. Henry Library Fund

The Irvin C. Henry Library Fund was established December 28, 1965, by a gift through the Development Fund from Robert D. Henry (B.Sc. in Agr. '51, Ph.D. '58), son of Irvin C. Henry.

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used for the purchase of books in the field of ancient and medieval history. Each book is to be designated by an appropriate book plate. Any income balance existing at the end of any fiscal year should be credited to the principal.

64. \$525.00 from friends of Jacob B. Taylor for the establishment of the Jacob B. Taylor Memorial Fund.

Jacob B. Taylor Memorial Fund

The Jacob B. Taylor Memorial Fund was established December 22, 1965, by gifts through the Development Fund in memory of Jacob B. Taylor, former Chairman of the Department of Accounting and former Vice President and Business Manager.

The principal is to be invested in accordance with the rules and regulations therefor adopted by the Board of Trustees of The Ohio State University with right to invest and reinvest as occasion dictates.

The income is to be used for any purpose whatsoever in the field of accounting.

TOTAL - Received Through the Development Fund \$382,446.31

C. Gifts-in-Kind

1. An airplane, Douglas B-23, Serial Number 2737, plus miscellaneous supporting parts, complete with navigational equipment and in good operating condition, received December 23, 1965, from Consolidation Coal Company, Inc., Pittsburgh, Pennsylvania, to the Board of Trustees for purposes as determined by the Department of Aviation of the University.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind (continued)

2. Scientific equipment from the National Industrial Products for the Department of Chemical Engineering.
3. Two cobalt irradiation sources complete with irradiation containers, leveling plates, shadow shields, and miscellaneous accessories and one pneumatic hoist and boom from The B. F. Goodrich Company, Akron, Ohio, for nuclear engineering projects.
4. A one-third interest in a senior shorthorn herd sire (Bilmar Gallant Diadem) from Cyrus S. Eaton, Cleveland, Ohio, for the Department of Animal Science.
5. A collection of six specially designed modern costumes constructed of fine fabrics from Mrs. Harvey S. Firestone, Jr. to be added to the Firestone Collection in the School of Home Economics.
6. A Point de France lace banquet cloth from Mr. and Mrs. Harvey S. Firestone, Jr., which will add significantly to and enrich the art collection of lace work given to the University by the Firestone family.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the acceptance of the above grants and gifts was approved by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

1. Month of November 1965

In November, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1, 178	\$ 125, 827. 62
Individuals other than alumni	157	11, 747. 50
Nonprofit organizations	20	46, 871. 20
Business concerns	<u>14</u>	<u>40, 783. 23</u>
	1, 369	\$ 225, 229. 55

Of these gifts, 1, 017 totaling \$8, 996. 87 were undesignated and 352 totaling \$216, 232. 68 were designated.

February 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund (continued)

2. Month of December 1965

In December, 1965, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2, 253	\$ 153, 955. 43
Individuals other than alumni	186	44, 841. 39
Nonprofit organizations	18	78, 276. 09
Business concerns	<u>20</u>	<u>127, 445. 00</u>
	2, 477	\$ 404, 518. 11

Of these gifts, 1, 915 totaling \$16, 633. 70 were undesignated and 562 totaling \$387, 884. 41 were designated.

3. Annual Report 1965

The totals for the calendar year 1965, January 1 to December 31, inclusive, are as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	30, 209	\$1, 247, 697. 61
Individuals other than alumni	1, 164	201, 953. 64
Nonprofit organizations	378	1, 017, 237. 70
Business concerns	<u>237</u>	<u>579, 014. 05</u>
	31, 988	\$3, 045, 903. 00

Of these gifts, 25, 682 totaling \$198, 416. 96 were undesignated and 6, 306 totaling \$2, 847, 486. 04 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation for Patent Services

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance and the Cabinet, it is recommended that a sum not to exceed \$5, 000. 00 be appropriated from the University Treasurer Research Subaccount (c) for patent search and filing fees.

Upon motion of Mr. Ketterer, seconded by Mr. Allyn, the appropriation of a sum not to exceed \$5, 000. 00 for the purpose indicated above was approved by unanimous roll call vote.

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Appropriation for Preparation of Office Space for the Oral History Center for Latin America

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance and the Cabinet, it is recommended that a sum not to exceed \$4,000.00 be appropriated from Subaccount (b) of the University Treasurer Research Account for the construction of an office facility for the Oral History Center for Latin America.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the appropriation of a sum not to exceed \$4,000.00 for the purpose indicated above was approved by unanimous roll call vote.

C. Administration Building Repairs

In order to make more effective use of the Administration Building, it is recommended that the Vice President for Business and Finance be authorized to proceed with necessary repairs and alterations to ceilings, lighting, partitions, and air conditioning in accordance with a plan designed by the Office of the University Architect, in accordance with normal University procedures for accomplishing the work and at a cost not to exceed \$88,000.00. Funds for this work will be provided from Budget Account 801068.

Upon motion of Mr. France, seconded by Dr. Thomas, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

D. Annual Recognition Dinner - May 11, 1966

Upon the request of the Executive Director for University Relations, and with the concurrence of the Committee on Recognitions, it is recommended that the annual Recognition Dinner for faculty and staff, sponsored by the Board of Trustees, be held on Wednesday, May 11, 1966, at 6:15 p.m., in the Ohio Union, and that a sum not to exceed \$3,100.00 be appropriated from 1617-210000 for expenses.

Upon motion of Mr. France, seconded by Mr. Ketterer, the appropriation of \$3,100.00 for the annual Recognition Dinner was approved by unanimous roll call vote.

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VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS

At the request of the Vice President for Business and Finance, it is recommended that the Extra and Credit Orders to Contracts as listed below be approved by the Board of Trustees.

A. Extra Orders to Contracts

1. Engineering Classrooms and Laboratories	\$27,537.32
2. Construction of Curl Drive	1,432.00
3. Dayton, Phase II	5,855.70
4. University Hospital, Renovation of 7 Areas	<u>31,338.29</u>
Total	<u>\$66,163.31</u>

February 10, 1966 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS AND EXTENSIONS OF TIME TO CONTRACTS  
(continued)

B. Credit Orders to Contracts

- |                 |                    |
|-----------------|--------------------|
| 1. Taylor Tower | <u>\$ 6,520.00</u> |
|-----------------|--------------------|

C. Extensions of Time for Completion of Contracts

1. Repairs to Exterior Masonry  
November 16, 1965 to May 31, 1966
2. Roof Repairs  
December 12, 1965 to June 30, 1966
3. Repairs to Roofs  
December 28, 1965 to May 31, 1966
4. Repairs to Plumbing in Upham Hall  
March 3, 1966 to June 1, 1966

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

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VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it is recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Interior Painting of Fine Arts and Townshend Hall

This project will correct the condition of the interior walls due to normal deterioration and usage.

Funds for the project will be provided from Budget Account 121658.

B. Natatorium - Modernization of Lighting

This project will provide additional circuits and lighting fixtures to provide a modern illumination in the varsity pool area.

Funds for the project will be provided from Budget Account 121658.

C. Olentangy River Improvement

This project will provide fill from Olentangy River for the Center for Tomorrow.

Funds for the project will be provided from Item 025, H. B. 949 and Budget Account 121658.

VII. PLANS AND SPECIFICATIONS (continued)

D. Research Laboratory, Repairs and Improvements

This project provides remodeling of twelve rooms to create laboratories and offices for graduate research in chemistry.

Funds for the project will be provided from Budget Account 175041.

E. Aircraft Apron and Fire-Crash and Rescue Building

This project provides additional ramp area and a hangar-type building to house fire engines, crash vehicles, snow removal equipment, and other service vehicles.

Funds for the project will be provided by the Federal Aviation Agency.

F. Floor Repairs

This project provides the repair of wood, concrete, battleship linoleum, and asphalt tile floor in six buildings.

Funds for the project will be provided from Budget Account 121658.

G. Interior Painting and Patch Plastering of  
Brown Hall and Mendenhall Laboratory

This project provides for repair and renovation of the walls of these buildings due to deterioration.

Funds for this project will be provided from Budget Account 121658.

H. Athletic Facility North

The location of Abraham Lincoln and Justin Morrill Towers near the Stadium requires moving the football practice fields and varsity baseball diamond. Accompanying this change is the need for athletic locker, equipment, and training facilities north of Lane Avenue and south of Married Student Housing, and west of Olentangy River Road.

Since this facility will be needed for Autumn Quarter football practice, it is necessary to take bids at once and to request the Director of Public Works and the Controlling Board of the State of Ohio to permit advertising for a 10-day period and to award contracts for building the shell and for the various trades necessary to complete the facility.

Funds for this project will be provided from the Athletic Department Rotary.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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February 10, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, the contracts for the following projects have been recommended for award and the action is hereby reported to the Board:

A. Interior Painting

	<u>Low Bid</u>	<u>Est. of Cost</u>
(8 bids received 12-22-65)		
John Madias Paint Company (Detroit, Michigan)	\$ 23,800.00	\$ 40,000.00

Funds for this project will be provided from Budget Account 121658.

B. Repairs and Improvements to Student Services Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(9 bids received 1-10-66)		
George H. Moore & Sons (Columbus)	\$ 8,628.00	\$ 16,380.00
<u>Electrical Contract</u>		
(3 bids received 1-27-66)		
S & S Electric Co. (Columbus)	4,950.00	5,000.00
<u>Plumbing Contract</u>		
(2 bids received 1-27-66)		
Perry's Heating Company, Inc. (Columbus)	3,287.00	4,000.00
<u>Air Conditioning Contract</u>		
(4 bids received 1-27-66)		
United Refrigeration (Columbus)	3,479.00	5,000.00
Total Contracts	<u>\$ 20,344.00</u>	<u>\$ 30,380.00</u>

Funds for this project are provided from Budget Account 162295.

C. Masonry Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 10-21-65)		
Charbetz Company (Columbus)	\$ 47,444.00	\$ 65,000.00

Funds for this project will be provided from the balance available on the previous defaulted contract and Budget Account 121658.



February 10, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Addition to Physics and Astronomy Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 2-2-66)		
Baker & Coombs of Ohio, Inc. (Columbus)	\$1, 382, 000. 00	\$1, 474, 718. 00
<u>Plumbing Contract</u>		
(6 bids received 2-2-66)		
Sauer, Inc. (Pittsburgh, Pa.)	238, 000. 00	314, 200. 00
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(4 bids received 2-2-66)		
Limbach Company (Columbus)	742, 600. 00	850, 707. 00
<u>Electrical Contract</u>		
(4 bids received 2-2-66)		
Electrical Contractors, Inc. (Columbus)	349, 517. 00	565, 000. 00
<u>Laboratory Equipment Contract</u>		
(2 bids received 2-2-66)		
Hamilton Mfg. Co. (Two Rivers, Wisconsin)	<u>179, 495. 00</u>	<u>185, 000. 00</u>
Total Contracts	<u>\$2, 891, 612. 00</u>	<u>\$3, 389, 625. 00</u>

Funds will be provided from Item 005, S. B. 370.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 11 (Board of Regents)  
Transfers and releases \$435, 000. 00 from Item 006, H. B. 949, to Item 037, H. B. 949, to provide funds for planning the General College.
- 14 (Board of Regents)  
Transfers and releases \$64, 638. 00 from Item 001, H. B. 202, to Item 007, H. B. 202, to provide funds for planning the Newark Branch.
- 32 Transfers and releases \$471, 000. 00 from Item 016, H. B. 202, to Item 015, H. B. 202, to provide funds for land acquisition in the Medical Complex.

IX. CONTROLLING BOARD APPROVALS (continued)

- 34 Transfers and releases \$108,000.00 from Item 027, H. B. 202, to Item 005, H. B. 202, to provide funds for planning the Physics and Astronomy Building.
- 35 Transfers \$51,126.00 from Item 027, H. B. 202, to Item 011, H. B. 202, to provide funds for architects fees and other planning costs for the Electronics Laboratory.
- 36 Transfers and releases \$83,395.00 from Item 027, H. B. 202, to Item 012, H. B. 202, to provide funds for planning the Systems Engineering Building.
- 37 Transfers \$37,245.00 from Item 016, H. B. 202, to Item 042, H. B. 202, to provide funds for planning the Wiseman Hall Addition.
- 38 Authorizes expenditure of \$49,500.00 from Item 028, H. B. 202, for planning expenses on the project "Veterinary Clinic and Animal Hospital."
- 39 Approves the award of an extra order on the plumbing contract for the project "Engineering Classrooms and Laboratories Building" in the amount of \$18,651.00.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Special Policeman Commission

At the request of the Vice President for Business and Finance, it is recommended that William Charles Rucker be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Rucker, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

B. Law Building, Third Floor Addition - Employment of Architects

It is recommended that the architectural firm of Potter, Tyler, Martin & Roth be employed to provide architectural and engineering services necessary for preliminary plans, outline specifications, and preliminary estimate of cost.

The fee will be calculated on the basis of 8 per cent of the construction cost for complete service and 20 per cent of the above for the preliminary work only. Funds will be provided from Budget Account 179011.

Upon motion of Mr. France, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

C. Easement for Gas Line, Lima Campus - West Ohio Gas Company

The West Ohio Gas Company has requested permission to construct a gas pipe line on State of Ohio lands, which lands have been designated for use by The Ohio State University Lima Branch. The line will be constructed along a course generally east of and parallel to the center line of Mumaugh Road to the entrance of the campus, thence parallel to the entrance drive and begin at the north property line of a 565-acre assemblage of land acquired by the State of Ohio in 1965 and recorded in Allen County deed records, Volume 445, page 8. The Lima Branch Campus will be provided gas service through this line.

It is recommended that the construction of the gas line through University lands be approved in a location not inimical to the interests of the University. It is further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of said gas line and to negotiate the appropriate compensation to the University.

Upon motion of Mr. Bricker, seconded by Dr. Thomas, the above recommendations were approved by unanimous roll call vote.

D. State Route 39 Right-of-Way, Mansfield Campus - Ohio Department of Highways

The Ohio Department of Highways is planning to improve State Route 39 adjacent to the Mansfield Campus. The improvement will require some additional right-of-way.

It is recommended that the granting of a reasonable highway easement to the Ohio Department of Highways be approved. It is further recommended that the President and/or Vice President for Business and Finance be authorized to negotiate and sign a highway easement on behalf of the Board of Trustees of The Ohio State University pursuant to Ohio Revised Code 3335.11.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendations were approved by unanimous vote.

E. Easement Regulator Station and Gas Line, Mansfield Campus - Columbia Gas of Ohio, Inc.

The Columbia Gas of Ohio, Inc. has requested permission to construct and operate a gas regulator station and gas pipe line on State of Ohio lands, which lands have been designated for use by The Ohio State University. The line is to be constructed along a course generally west of and parallel to the west right-of-way line of State Route 39 on a 554-acre assemblage of land acquired by the State of Ohio in 1965 and recorded in Allen County deed records, Volume 555, page 70 and Volume 562, page 211. The line will provide service for the Mansfield Branch Campus.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

E. Easement Regulator Station and Gas Line, Mansfield Campus - Columbia Gas of Ohio, Inc. (continued)

It is recommended that the construction of the regulator station and gas line on University lands be approved in a location not inimical to the interests of the University. It is further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of said gas line and to negotiate the appropriate compensation to the University.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendations were approved by unanimous vote.

F. Withdrawal from Dividend Reserve on Group Life Insurance

It is recommended that the Vice President for Business and Finance be authorized to make application to John Hancock Mutual Life Insurance Company for the withdrawal of \$80,000.00 from the dividend reserve account on Group Life Insurance Policy No. 1305-G in order to make expenditures for supplemental retirement benefits to our emeriti in accordance with Board action of July 10, 1959; for major medical coverage for emeriti in accordance with Board action of April 10, 1959; and death benefits as approved by action of the Board of Trustees on July 11, 1955.

Upon motion of Mr. Davis, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

G. Purchase of Buildings and Property, 2407 Wood Avenue

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Myrtle Black at a price of \$3,000.00:

Property known as 2407 Wood Avenue, being Lot No.  
52, Second Wood-Brown Co. Addition, Clinton Township,  
Franklin County, Ohio.

This purchase is in conformity with the Campus Master Plan and the funds are available in Budget Account 179999 for the purchase of this property.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

H. Purchase of Buildings and Property, 2402 Kenny Road

It is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Cameron and Eleanor Early at a price of \$8,000.00:

February 10, 1966 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

H. Purchase of Buildings and Property, 2402 Kenny Road (continued)

Property known as 2402 Kenny Road, being Lot No. 20,  
Second Wood-Brown Co. Addition, Clinton Township,  
Franklin County, Ohio.

This purchase is in conformity with the Campus Master Plan and funds  
are available in Budget Account 179999 for the purchase of this property.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the above recommendation  
was approved by unanimous roll call vote.

I. City of Columbus Ordinance, North Dormitory Area

It is recommended that the Vice President for Business and Finance be  
authorized to accept the terms of the proposed ordinance for the vacation  
of Peasley Street, Joe Alley, Poe Alley and the first and second alleys  
east of Neil Avenue between the specified limits therein, which provides  
for the continuation of easements for City of Columbus sewers and water lines.

This vacation of streets and alleys will permit completion of the site develop-  
ment of the North Dormitory area.

Upon motion of Mr. Allyn, seconded by Mr. France, the above recommendation  
was approved by unanimous roll call vote.

J. Demolition of Buildings

Upon the recommendation of the Athletic Council and with the concurrence  
of the Cabinet, the Vice President for Business and Finance requests that  
the following building be demolished as soon as practical:

The Golf Course Residence at 3605 Tremont Road

This demolition will be accomplished in the most economical manner.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation  
was approved by unanimous vote.

K. Employment of Architects - Student Health Facility

The Board of Trustees at its meeting on September 14, 1965, recommended  
the employment of Louis F. Karlsberger and Associates for the Student  
Health Facility.

This firm has subsequently asked to be released from this appointment and  
it is therefore recommended that the firm of Freshwater, Harrison &  
Associates be employed to provide complete architectural and engineering  
services for this project including preliminary plans, basic drawings, working  
drawings, specifications, estimate of cost, and necessary bidding documents.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

K. Employment of Architects - Student Health Facility (continued)

Complete supervision of construction is not included at this time, but it is understood that supervision may be added in accordance with the standard fee schedule at the option of the University Architect.

The fee for this service will be calculated at .70 x 6% of \$1,000,000.00 and .70 x 5 1/2% of all over \$1,000,000.00 of the construction cost. Funds will be provided from Student Facilities Fees.

Upon motion of Mr. Allyn, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

L. Insurance Coverage - Award of Contracts

President Fawcett presented the following report and recommendations:

1. Award of Insurance Contract on 24 Specified University Locations

Pursuant to the recommendation of the Retirement and Insurance Committee, the Home Insurance Company, Atkinson-Dauksch Agency, has been awarded the contract for insurance on 24 specified University locations. The Home Insurance Company Policy No. 8 86 61 53 provides the \$500 deductible coverage requested on the 24 specified locations for a three-year period, November 15, 1965 through November 14, 1968. It is therefore recommended that the Board of Trustees ratify the action of the Vice President for Business and Finance in awarding this contract.

2. Fire, Extended Coverage, and Business Interruption Insurance on 18 Specified University Locations

Pursuant to an increase in premium retention rate by the present carrier of our insurance on 18 specified locations, a quotation was requested from the Home Insurance Company for this coverage. The results of the inquiry were reviewed and evaluated, and it is recommended that the President and/or Vice President for Business and Finance be authorized to cancel Blackstone Mutual Insurance on 18 specified University locations as of the policy anniversary day, March 1, 1966, and simultaneously award a contract to the Home Insurance Company for the insurance coverage. The additional coverage will be added to Home Insurance Policy No. 8 86 61 53 which will result in a single policy covering 42 specified University locations.

3. "All Risk" Insurance

Pursuant to quotations received on "All Risk" coverage and the evaluation of the University Insurance Consultant, it is recommended that the President and/or Vice President for Business and Finance be authorized to improve the quality of Fire and Extended Coverage insurance on the above 42 locations by adding the Special Coverage Endorsement to the Home Insurance Company policy.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

L. Insurance Coverage - Award of Contracts (continued)

4. Student Insurance Program

Pursuant to a request for proposals mailed to 101 firms on November 30, 1965, 27 firms specifically declined to bid on Student Insurance and 4 proposals were received, opened, and read publicly on January 4, 1966. On the basis of analysis by University staff and the University Insurance Consultant, it is recommended that the Student Insurance Program be awarded to Continental Casualty Company with the following quarterly premium schedule being charged unless the student waives coverage.

Student (Complete Plan)	\$ 8.00
Student and Spouse	18.00
Student, Spouse, and Children	31.00

The above recommendations are in accordance with a Summary of the Insurance Coverage, Exhibit A and B, which are filed with the official records of the Board of Trustees.

It was moved by Mr. Davis, that the President and/or the Vice President for Business and Finance do all things necessary to implement the above recommendations. The motion was seconded by Mr. Ketterer and approved by unanimous roll call vote.

XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of J. Ernest Carman, Professor Emeritus of Geology; Vincent J. Ellerbrock, Professor, School of Optometry; and Tibor Rado, University Research Professor. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board have been furnished the families of the deceased.

A. J. Ernest Carman

The Board of Trustees expresses its sorrow at the death on January 12, 1966, of J. Ernest Carman, Professor Emeritus of Geology.

Dr. Carman was born on a farm near St. Charles, Iowa, in 1883. He was graduated from Simpson College in 1901 and continued with graduate work in 1903. He taught in the public schools before going to the University of Chicago where he completed his Ph.D. in 1915. While pursuing his graduate studies, he worked on the U. S. Geological Survey, the Illinois and Iowa Geological Surveys and as an Assistant Professor at the University of Cincinnati. In 1916, he joined the faculty at The Ohio State University, and from 1928 to 1944, he served as Chairman of the Department of Geology from which he retired in 1952.

XI. RESOLUTIONS IN MEMORIAM (continued)

A. J. Ernest Carman (continued)

Dr. Carman was a strongly self-disciplined and meticulous worker, and he demanded much of his students. Although he was strict and sometimes stern with his students, basically, he was kind and generous.

His accomplishments in geology were thorough. His first love was the Pleistocene of his native state, but after he came to Ohio, it was Ohio geology, and especially that of western Ohio. His studies of the Silurian and Devonian of northwest Ohio will hardly be surpassed for completeness. When he presented papers before the Geological Society of America, geologists from all over the country admired the clarity of his offering and the effective organization of his subject matter. His presidential address before the Ohio Academy of Science in 1946, on the geology of scenic features in Ohio, is still remembered by those who heard him.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

B. Vincent J. Ellerbrock

The Board of Trustees expresses its sorrow at the death on December 4, 1965, of Vincent J. Ellerbrock, Professor, School of Optometry.

Professor Ellerbrock was born in Delphos, Ohio, on March 13, 1918. He received his B.Sc. degree (1940), his M.Sc. degree (1941), and his Ph.D. degree (1947) from The Ohio State University.

Dr. Ellerbrock was the Univis Lens Company Research Fellow in Physiological Optics at The Ohio State University during 1940-41. During the following two years, he worked as a Research Assistant on an NDRC research project related to range finders, and he served as an Instructor in the Army Specialized Training Program in the Department of Physics. In 1944, he was given an appointment as a Research Fellow in the Dartmouth Eye Institute at Dartmouth College, Hanover, New Hampshire, where he worked on Aniseikonia and Subnormal Vision Aids for two years. While working on his Ph.D. degree, he served again as the Univis Lens Company Research Fellow in Physiological Optics, and his Ph.D. dissertation was based on a study of fusional movements of the two eyes. This continued to be the central theme of his research program. In 1947, he was named Assistant Professor of Physiological Optics in the School of Optometry and advanced through the ranks to become Professor in 1956.

Dr. Ellerbrock served the School of Optometry in various ways. As Chairman of the Building and Equipment Committee, he played a major role in working out the detailed plans for the Optometry Building which was occupied in 1951, the addition of which was completed in 1961, and was active in formulating plans for further expansion of the building and equipment facilities.



February 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. Vincent J. Ellerbrock (continued)

Dr. Ellerbrock became the Director of the Optometry Clinic in 1951 and organized the clinical program with its special clinics in the fields of Aniseikonia, Subnormal Vision, Contact Lenses, and Orthoptics. The development of these special clinics was his finest contribution.

In 1949, he published a book, Light, Vision and Lenses, in collaboration with Dr. G. W. Knox. He also published A Manual for the Optometry Clinics. His publication list included 45 scientific papers.

Dr. Ellerbrock introduced and developed a program of postgraduate courses for practicing optometrists, and he helped develop the Museum which features the history of eyewear and visual-testing devices from the earliest times up to the present.

Dr. Ellerbrock was a member of the Optical Society of America, the American Optometric Association, the Ohio State Optometric Association, the American Academy of Optometry, where he served on the Executive Council and Editorial Council, the Military Liaison Committee of the Association of Schools and Colleges of Optometry, and the Research Advisory Committee of the American Foundation for the Blind. He was also a member of Sigma Xi and was an honorary member of two of the optometric professional fraternities--Epsilon Psi Epsilon and Omega Epsilon Phi.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

C. Tibor Rado

The Board of Trustees expresses its sorrow at the death on December 29, 1965, of Tibor Rado, University Research Professor Emeritus.

Dr. Rado was one of the galaxy of Hungarian mathematicians who came to the United States after World War I and imparted a significant impulse to the development of mathematical studies. Professor Rado's contributions to mathematical theory ranged from geometry to abstract formulas, including such subjects as calculus of variations, analysis in general, conformal mapping, minimal surfaces, complex functions, geometry of area, rieman surfaces, and plateau problems.

Professor Rado was born in Budapest on June 2, 1895. From 1913 to 1915 he attended the Polytechnic Institute in the Hungarian capital. He then joined the Hungarian armed forces as a first lieutenant and was captured on the Russian front and sent to Siberia. He escaped from the prisoners' camp and his subsequent odyssey took him to the Arctic regions of Russia, where he lived with Eskimos while moving slowly westward, seeking final escape to his homeland. After thousands of miles across the Arctic wastelands, Dr. Rado returned to Hungary and resumed his education. In 1923, he received a Doctor of Philosophy degree from the University of Szeged.

XII. RESOLUTIONS IN MEMORIAM (continued)

C. Tibor Rado (continued)

Dr. Rado taught for a brief period at the University of Szeged and then went to Germany as a research fellow for the Rockefeller Foundation. In 1929, he came to the United States. He lectured at Harvard University and the Rice Institute and in 1930 joined the faculty of The Ohio State University.

In 1933, Dr. Rado published his first original contribution to mathematical thought, "On the Problem of Plateau," which was translated into every Western language and brought him instant fame. In 1935, he published his second work, "Subharmonic Function."

As World War II entered its final phase, he interrupted his academic career to render a special service to the United States Government. As a science consultant to the armed forces, he was sent to Germany to find German scientists needed by the United States as it approached the nuclear and missile age. Dr. Rado then returned to his research at the Institute for Advanced Study at Princeton, New Jersey. In 1946, he became Chairman of the Department of Mathematics at The Ohio State University, a position he held through 1948. The following year he was named Research Professor.

Professor Rado served as a Visiting Professor at a number of universities, including the University of Chicago, the University of Puerto Rico, and Kansas State.

In the last six years, Dr. Rado's work with computers was concentrated on the design of automatic systems, appropriate mathematical tools, the method called Turing machines, named after the English mathematician, Alan M. Turing, which he preferred to call "Turing, programs," and the limitations of what computers can do.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It is directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

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XII. REPORTS

A. Reports from the Finance and Investment Committee

1. Purchase of T. H. Langlois Property on South Bass Island

Mr. Allyn, a member of the Finance and Investment Committee, presented the following recommendation and moved that it be approved:

Since it would be in the best interests of The Ohio State University to acquire the T. H. Langlois Property on South Bass Island, which property is adjacent to property of the State of Ohio, it is recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Thomas H. Langlois at a price of \$9,500.00:

XII. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

1. Purchase of T. H. Langlois Property on South Bass Island (continued)

Property known as "Langlois Property" South Bass Island, County of Ottawa, State of Ohio, to wit: The corner (North) of the following described property (real estate), being a part of the Reserve Farm (so-called), known as, and being the "Pond Lot" as laid out and designated on the recorded plat and survey of said Reserve Farm made by E. H. Brennan, containing seven and thirty-six one hundredths (7-36/100) acres more or less.

Said lot being deeded is described as follows: Adjoining the land owned by the United States Fish Commission, with a common boundary line, starting at a corner stone at the northeast end of the line and stopping at an iron pin, eleven (11) feet from a corner marked "Fisheries Boundary"; thence at right angles southeastwards 108 feet (one hundred and eight feet); thence paralleling the first line, in a north-easterly direction to low water of the lake shore; thence northwestwards along the low-water line to intercept a line running from the corner stone at right angles to the first line to the lake; thence along this intercepted line to the corner stone, point of beginning, and the purchase price contained herein includes the above lot, the appurtenances thereon and the furnishings in the house. Last transfer of record: Mortgage Book 72, page 432, dated November 17, 1939, Ottawa County.

Funds are available in the Investment Portfolio, Mary D. Rogick Fund.

Following a second of Mr. Allyn's motion by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

2. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated January 31, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held January 14, 1966

It is reported for information and the record that the Ohio Board of Regents at its meeting on January 14, 1966, approved the following two contracts for professional services to be rendered by The Ohio State University in accordance with previous action by the Board of Trustees authorizing President Fawcett to negotiate such contracts:

XII. REPORTS (continued)

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held January 14, 1966 (continued)

- (1) Contract for professional services rendered for the development of a preliminary five-year plan and a proposal for a one-year technical services program as these terms are defined in the State Technical Services Act of 1965.
- (2) Contract for professional services rendered for the purpose of coordinating all activities in preparation of the establishment of a regional laboratory pursuant to the Elementary and Secondary Education Act of 1965.

C. Status of Three Projects (Communications Center, Research Tower, and Horticulture, Forestry, and Food Technology Center) Authorized by the Board of Trustees at Its December 9, 1965 Meeting

At the December 9, 1965 meeting, the Board of Trustees adopted resolutions which authorized the President to proceed with the implementation of three projects as requested by the Ohio Board of Regents. These resolutions relate to the construction of a Communications Center, the development of a Research Tower, and the construction of a new facility to be known as the Horticulture, Forestry, and Food Technology Center. It is now reported for information and the record that there is no current financial support for either the Communications Center or the Research Tower and that these projects will be held in abeyance for the time being. The Horticulture, Forestry, and Food Technology Center project is moving forward on schedule and the State Controlling Board has released planning money based upon an estimated total cost for this project of \$3.5 million.

D. Admission Policies for Freshmen for the 1966-67 Academic Year

Within the past several months, there has been widespread interest concerning the policies for the admission of freshmen to State-assisted universities. The following statement has been prepared to clarify the admission policies of The Ohio State University for entering freshmen for the academic year 1966-67. This statement is in accord with the provisions of the Ohio Revised Code and the general guide lines regarding admission policies adopted by the Ohio Board of Regents at its meeting on January 14, 1966, and is reported for information and for the record.

ADMISSION POLICIES FOR FRESHMEN  
ACADEMIC YEAR 1966-67

Some guiding principles considered in the development of admission policies for The Ohio State University are: (a) As a State-assisted institution, this University will comply with Section 3345.06 of the Ohio Revised Code and adhere to the doctrine of open admissions for freshmen to an academic division offering a program of study leading toward a degree for all residents of Ohio who are graduates of an accredited high school. (b) As the principal State-assisted university with the primary responsibility for graduate and professional education, priority will be given to qualified students

XII. REPORTS (continued)

D. Admission Policies for Freshmen for the 1966-67 Academic Year (continued)

applying for admission to the graduate, professional, advanced undergraduate, and the special honor freshmen programs of the University. (c) In view of the limited state appropriations and classroom, laboratory, and library facilities on the Columbus Campus, excellent two-year programs of instruction comparable to those maintained on the main campus have been established on Branch Campuses located at Lima, Mansfield, Marion, Newark, and Columbus.

In accordance with the above principles, the admission policies for entering freshmen during the 1966-67 academic year are as follows:

1. A graduate of an accredited high school who is a resident of Ohio and who applies for admission on or before the established deadline dates will be accepted to one of the undergraduate collegiate programs of study offered at the branch campus of the applicant's choice for the Autumn, Winter, and Spring Quarters for the 1966-67 academic year. Students admitted to a program of study at a branch campus are expected to continue at the branch campus through the academic year.
2. Whereas the enrollment capacity on the Columbus Central Campus has been limited for the academic year 1966-67 by the amount of available state appropriations and the availability of classroom, laboratory, and library facilities, the number of freshmen who may be admitted to the academic divisions of the Central Campus for the Autumn, Winter, and Spring Quarters shall not exceed the spaces available after a calculation has been made on the number of graduate, professional, advanced transfer, and returning undergraduates who are expected to be enrolled for the next academic year. The assignment of freshmen for priority class scheduling on the Central Campus will be based upon information pertaining to the applicant's predicted academic success, particular qualifications for special programs, and the chronological order of the application. It is expected that applicants given this priority will have above average high school academic records, achieve satisfactory scores on aptitude tests, and have a high school principal's favorable recommendation.

February 10, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

D. Admission Policies for Freshmen for the 1966-67 Academic Year (continued)

3. An excellent program of courses for freshmen will be offered during the Summer Quarter on the Columbus Campus and high school graduates who apply for admission for the Summer Quarter 1966 will be accepted for admission. Students enrolled for the Summer Quarter and who achieve satisfactory marks will be given priority in class scheduling for the succeeding quarter.
4. High school graduates who apply for admission to the Columbus Campus for the Autumn, Winter, and Spring Quarters during the 1966-67 academic year and who are not assigned to the limited spaces available on the Central Campus will be admitted and given a lower priority for class scheduling. Such applicants will be designated as Columbus Branch students and most of their classes will be scheduled in late afternoon and evening hours.
5. Admission of out-of-state students as freshmen will be limited to those applicants who have demonstrated high academic promise based upon information pertaining to their predicted academic success and particular qualifications for special programs. A high school principal's favorable recommendation will be required.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the Secretary was instructed to include the above reports in the minutes of this meeting.

E. Report from President Fawcett Pertaining to the Proposed Federal Budgetary Cuts in Funds for Land-Grant Institutions

President Fawcett made the following statement:

The Ohio State University and other land-grant institutions view with dismay and shock the proposals in the President's 1967 budget that would reduce by more than \$20,000,000 the instructional and research funds that flow to our institutions and would shift \$10,000,000 in extension funds from institutional allocation by formula to a system of Federal allocation.

- I. Land-grant teaching funds alone have been cut by \$11.95 million which reduces our annual income at Ohio State for faculty salaries from \$430,710 per year to approximately \$50,000. For a period of at least 15 years prior to 1960 our income from this source averaged about \$149,000 per year. In my personal involvement with the National Association of State Universities and Land Grant Colleges

XII. REPORTS (continued)

E. Report from President Fawcett Pertaining to the Proposed Federal Budgetary Cuts in Funds for Land-Grant Institutions (continued)

I, along with my colleagues, gave considerable time to bringing the matter of the inadequacy of these funds to the attention of Congress.

In 1960 Congress reviewed this program and increased its support from \$5,000,000 to \$14.5 millions annually - an action based on the problems that grow out of inflation and population growth. A part of our increase was therefore funded in fiscal '62 and since the 1962-63 academic year our annual income from this source has been \$430,710.

Institutions like Ohio State have viewed this income not unlike the resources that flow from endowments. It takes a great deal of effort these days to put together the resources that are required for keeping institutions like ours on the forefront of educational progress. To find resources for the replacement of large sums of money removed from our operating budgets is a most difficult assignment.

Funds from the aforementioned source have been flowing to our institution since 1890. At that time Senator J. S. Morrill of Vermont, by unanimous act of Congress, initiated this movement for the purpose of placing land-grant institutions on a firm instructional foundation 'for as long as this nation shall live.' It is the view of the National Association of State Universities and Land-Grant Colleges that the proposed action represents a gross lack of information on current Federal funds relating to higher education.

I am in full agreement with the National Association of State Universities and Land-Grant Colleges' position to the effect that 'The Federal government has substantial programs to help students get into college. It helps build buildings, construct educational television facilities, and purchase equipment. It finances a wide variety of research programs. But, aside from the modest amount it now proposes to eliminate, it nowhere helps finance the central function of instruction of the undergraduates about which there is so much national concern today.'

This action comes at a time when our institutions are attempting to make faculty arrangements for the coming academic year. As I reported to this Board in September, some adjustment in student fees effective

XII. REPORTS (continued)

E. Report from President Fawcett Pertaining to the Proposed Federal Budgetary Cuts in Funds for Land-Grant Institutions (continued)

with the 1966-67 academic year is almost inevitable. It has been my hope to keep that increase as modest as possible and in concert with what I believe to be the role of the state university. It would take no less than \$10.00 per year per student just to cover the anticipated loss from land-grant funds exclusive of the other problems that must be met by such fee increases.

Another of my concerns has been centered around the growing participation of the Federal government in the whole spectrum of higher education. The long and satisfactory relationship between the University and the Federal government where there has been literally no Federal interference with the use of funds that have come from this source has set a pattern that has become a model for institutional-Federal relationships. At a time when the Federal government is now investing in higher education a larger sum than the combined amounts invested by all of the states in the union, the principles that have governed our relationships with respect to land-grant money take on added significance.

Finally, in states that have biennial sessions of their Legislatures, this anticipated action on the part of the Federal government comes at a time when the states, except through special session, cannot very well come to the rescue of the land-grant institutions.

- II. Agricultural research funds have been cut by \$8.5 million dollars. It is estimated by Director Kottman that this cut will effect the income at The Ohio Research and Development Center by \$231,970. I know that Director Kottman and the members of the Board of Control view anticipated action with respect to agricultural research not unlike we view the planned cut in land-grant teaching funds.
- III. The proposed shift of \$10,000,000 in support of the Cooperative Extension Program and the U. S. Department of Agriculture from institutional allocation to Federal allocation appears to be for the purpose of attaining increased concentration of effort on rural community development and work with low-income families. It is estimated that this shift will decrease the appropriation in support of the Ohio Cooperative Extension Service by \$357,100.



XII. REPORTS (continued)

E. Report from President Fawcett Pertaining to the Proposed Federal Budgetary Cuts in Funds for Land-Grant Institutions (continued)

I agree with the position of the National Association of State Universities and Land-Grant Colleges when it states that 'The objective is praiseworthy, the method unnecessary and undesirable. The land-grant institutions have pioneered the work of rural community development and shifted resources to this area to work with low-income families, in full cooperation and consultation with the U. S. Department of Agriculture. They have also repeatedly urged additional Federal assistance for this work, which has not been forthcoming. The implications of change from cooperative consultation to Federal direction are disturbing, to say the least.'

It is my intent to inform the members of the Ohio delegation in Congress about Ohio State's opposition to anticipated Federal action. Any additional contacts that might properly come from members of this Board would be very much appreciated if the members of this Board are in agreement with my views.

Upon motion of Mr. Bricker, seconded by Mr. France, the Board of Trustees voted unanimously to support vigorously the position reported by the President in the above statement.

F. Report on Status of Selection of a Director for the School of Journalism

Mr. Shocknessy requested President Fawcett to report on the status of the selection of a Director for the School of Journalism.

President Fawcett responded as follows:

I view this problem not unlike any other academic problem related to the search for competent faculty. I am advised by the Dean of the College, who has returned to the campus from a vacation period, that he has reconstituted a faculty committee and that he will give this problem his immediate attention. As soon as I receive a recommendation from the Dean, and after appropriate consultation, I will bring a recommendation for appointment to this Board. It is very difficult to predict the amount of time which will be necessary when dealing with an academic problem of this nature. However, I am hopeful to have a recommendation for appointment of a person as Director of the School of Journalism within the next several months.

February 10, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

G. Annual Reports for The Ohio State University Research  
Foundation and the Engineering Experiment Station

Mr. Mount reported that the Annual Reports for The Ohio State University Research Foundation and the Engineering Experiment Station have been received. A copy of these reports will be mailed to the members of the Board of Trustees and one copy of each report will be filed with the official records of the Board of Trustees.

Thereupon the Board adjourned to meet Thursday, March 10, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

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John T. Mount  
Secretary

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Alan B. Loop  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 10, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, March 10, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, John W. Bricker, Bertram D. Thomas, John G. Ketterer, and James W. Shocknessy.

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Minutes of the last meeting were approved.

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March 10, 1966 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a College of Biological Sciences

After many months of study by the Council on Instruction under the leadership of the Vice President for Academic Affairs, the Faculty Council on February 8, 1966, approved the establishment of a College of Biological Sciences.

It was recommended therefore:

That those biological disciplines specified in the following paragraph be reorganized at this University into an independent administrative unit, a College of Biological Sciences, effective July 1, 1966; and

That the faculties of the existing academic divisions be transferred to the College of Biological Sciences, effective July 1, 1966: the Department of Agricultural Biochemistry (to be known in the new college as the Department of Biochemistry), the Department of Botany and Plant Pathology, the Department of Microbiology, the Department of Zoology and Entomology, and the Division of Biophysics; and

That authorizations for the baccalaureate degrees and for all degree programs associated with the units named above be transferred from their present locations to the College of Biological Sciences, effective with the beginning of Autumn Quarter, 1966; and

That the appropriate undergraduate courses be transferred from the Departments of Anatomy, Physiological Chemistry, and Physiology to the College of Biological Sciences, effective with the beginning of the Autumn Quarter, 1966, and that authorization for the undergraduate major programs in those departments be withdrawn from the College of Medicine, effective with the beginning of the Autumn Quarter, 1966; and

That in order to meet requirements for the continued accreditation of the College of Medicine a Department of Medical Microbiology be established in the College of Medicine, effective July 1, 1966; and

That the President be authorized to initiate a search for the Dean of the new college and that he be appointed as soon as possible.

Upon motion of Mr. Bricker, seconded by Mr. Davis, the Board of Trustees approved the establishment of a new college--the College of Biological Sciences--by unanimous roll call vote.

March 10, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Rule 13.0503 of the  
Rules for the University Faculty

To regularize the procedure already in operation in most of the major academic departments of the University, it was recommended that the Board of Trustees approve the following revision to the Rules for the University Faculty as endorsed by the Faculty Council at its meeting on February 8, 1966:

That Rule 13.0503 be amended by adding a new subsection "c" to Section 2 which will read as follows:

- c. To prepare, after consultation in accordance with the Pattern of Departmental Administration, a statement setting forth the criteria and procedures according to which recommendations concerning salary increases, promotions in rank, and granting of tenure are made within the Department or School. This statement shall be made available to all present and prospective members of the Department or School, and a copy shall be deposited in the office of the Vice President for Academic Affairs and Dean of Faculties. At the beginning of each four-year term of the Chairman of a Department or the Director of a School, the members of the Department or School and the office of the Vice President for Academic Affairs and Dean of Faculties shall receive either a revision or reaffirmation of the original statement.

Further, that subsections "c" through "k" of Section 2 of Rule 13.0503 be relettered as "d" through "l."

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendations by unanimous roll call vote, and the Secretary was instructed to make such changes in the Rules for the University Faculty as are required to implement the above recommendations.

C. Degrees Conferred - Winter Quarter Commencement Convocation

It was recommended that degrees be conferred at the Winter Quarter Commencement Convocation on March 18, 1966, to those students who have completed the requirements for their respective degrees and are recommended by the Faculty Council. The names of those awarded degrees will be included in the minutes of this meeting. (See Appendix VIII, page 409.)

Upon motion of Mr. Shocknessy, seconded by Mr. Davis, the Board of Trustees approved the above recommendation by unanimous roll call vote.

March 10, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Establishment of the "Gustav Hirsch Memorial Professorship" in the College of Medicine

Pursuant to the conditions set forth for the establishment of a "Named Professorship," as approved by the Board of Trustees at its January 14, 1965 meeting, it was recommended with the concurrence of the Vice President for Academic Affairs and the Dean of the College of Medicine that the "Gustav Hirsch Memorial Professorship" in the College of Medicine be established. This professorship is dedicated to the advancement of cardiology within the College of Medicine and its Department of Medicine.

The recipient of this professorship will be made upon the recommendation of the Dean of the College of Medicine who will seek recommendations from the Chairman of the Department of Medicine and the Chief of the Division of Cardiology.

The "Gustav Hirsch Memorial Professorship" will be supported by a gift to The Ohio State University from Miss Irene Hirsch through the Central Ohio Heart Association in the amount of \$5,000.00 annually for a period of not less than five years.

Upon motion of Mr. Ketterer, seconded by Mr. Bricker, the Board of Trustees by unanimous roll call vote approved the establishment of the "Gustav Hirsch Memorial Professorship" in the College of Medicine.

E. Honorary Degrees

The Faculty Council on February 8, 1966, recommended that honorary degrees be conferred on the following:

David K. Detweiler - Doctor of Science

Andrew Denny Rodgers III - Doctor of Literature

It was therefore recommended that the Board of Trustees approve the awarding of the honorary degrees as indicated to the above-named persons at the June Commencement Convocation or as soon as possible thereafter.

Upon motion of Mr. Shocknessy, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

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II. PERSONNEL CHANGES

It was recommended that all personnel changes since the February 10, 1966 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Promotions, Appointment, Leaves of Absence With Salary, and Leaves of Absence Without Salary:

II. PERSONNEL CHANGES (continued)

A. Promotions

Neil C. Andrews promoted to Assistant Dean of the College of Medicine (part time - 73%), effective April 1, 1966, at a salary of \$17,160.00 per annum. Dr. Andrews will continue to hold the rank of Associate Professor (part time - 25%) in the Department of Surgery at a salary of \$4,608.00 per annum.

Henry G. Cramblett promoted to Professor and Chairman of the newly created Department of Medical Microbiology, effective July 1, 1966, at a salary of \$24,168.00 per annum. Dr. Cramblett will continue to hold the rank of Professor in the Department of Pediatrics at No Salary.

B. Appointment

Harold V. Ellingson, Professor and Chairman, Department of Preventive Medicine, effective April 1, 1966, at a salary of \$24,168.00 per annum.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Robert W. Cole, Instructor (County Extension Agent, Agriculture) Henry County, effective April 1, 1966 through June 15, 1966, to participate in a program of professional improvement at Michigan State University.

John E. Moore, Instructor (Extension Economist, Farm Management), effective April 1, 1966 through June 15, 1966, to participate in a program of professional improvement at The Ohio State University.

Lois Ann Simonds, Instructor (Extension Specialist, Marketing Information for Consumers), effective April 1, 1966 through August 31, 1966, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Julian H. Markels, Associate Professor, Department of English, effective April 1, 1966 through September 30, 1966, to accept a Howald Fellowship.

Siefrid P. Bruny, Assistant Professor (District Program Leader, 4-H), Cooperative Extension Service, effective May 1, 1966 through May 31, 1966, to participate in a program of professional improvement at The Ohio State University.

March 10, 1966 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### D. Leaves of Absence Without Salary (continued)

Raymond E. Dumett, Instructor, Department of History, effective April 1, 1966 through September 30, 1966, to pursue his Ph.D. program of studies in England.

Alga D. Weaver, Instructor (County Extension Agent, Home Economics) Tuscarawas County, Cooperative Extension Service, effective March 1, 1966 through September 30, 1966, due to ill health.

Upon motion of Mr. Davis, seconded by Mr. Shocknessy, the Promotions, the Appointment, the Leaves of Absence With Salary, the Leaves of Absence Without Salary, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" with the official documents of the University.

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## III. GENERAL CONTRACTS AND AGREEMENTS

### A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it was recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

#### 1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, The Biochemical Role of the Essential Fatty Acids (to be known as National Institutes of Health Project No. 1218 - Ext. #5 - Institute of Nutrition and Food Technology).  
Gross Value - \$20,902.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as National Institutes of Health Project No. 1220 - Ext. #5 - Department of Chemistry).  
Gross Value - \$55,312.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Control of Pituitary ACTH Secretion (to be known as National Institutes of Health Project No. 1272 - Ext. #5 - Department of Pharmacology).  
Gross Value - \$23,511.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, CO<sub>2</sub> Transients Associated with Hyperventilation (to be known as National Institutes of Health Project No. 1647 - Ext. #2 - Department of Physiology).  
Gross Value - \$14,891.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 1775 - Ext. #2 - College of Dentistry).  
Gross Value - \$36,679.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Time and Training Effects in Compound Conditioning (to be known as National Institutes of Health Project No. 1779 - Ext. #2 - Department of Psychology).  
Gross Value - \$28,087.00.
- g. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Research Into the Scattering of Electro-magnetic Energy from Highly Conducting Bodies (to be known as Electronic Systems Division Project No. 1793 - Mod. #2 - Department of Electrical Engineering).  
Gross Value - \$54,973.00.
- h. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Purification and Characterization of Gastrin (to be known as National Institutes of Health Project No. 1861 - Ext. #1 - Department of Surgery).  
Gross Value - \$59,011.00.
- i. Department of State, Agency for International Development, Washington, D. C., Analysis of Programs for the Development and Improvement of Agricultural Credit Institutions and Services (to be known as Agency for International Development Project No. 1365 - Amend. #1 - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$347,753.00.
- j. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Strategies for Educational Change (to be known as Office of Education Project No. 2004 - Amend. #1 - School of Education).  
Gross Value - \$3,120.00.

March 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- k. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Ion Sheath Propagation Studies (to be known as Systems Engineering Group, Research and Technology Division Project No. 2146 - New - Departments of Electrical Engineering and Aeronautical and Astronautical Engineering).  
Gross Value - \$99,816.00.
- l. Department of State, Agency for International Development, Washington, D. C., Technical Assistance in the Development of a National Plan for Human Resources in Ecuador (to be known as Agency for International Development Project No. 2158 - New - Department of Economics).  
Gross Value - \$49,377.00.
- m. National Science Foundation, Washington, D. C., Environmental History of the Galapagos Islands (to be known as National Science Foundation Project No. 2161 - New - Department of Zoology and Entomology).  
Gross Value - \$86,200.00.
- n. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hypothesis Behavior in Concept-Identification (to be known as National Institutes of Health Project No. 2166 - New - Department of Psychology).  
Gross Value - \$14,858.00.
- o. National Science Foundation, Washington, D. C., Influence of Clouds and Pollution in the Arctic Region (to be known as National Science Foundation Project No. 2168 - New - Institute of Polar Studies).  
Gross Value - \$4,100.00.

TOTAL - Government Contracts - Federal \$898,590.00

2. Government Contract - State

- a. State of Ohio, Department of Highways, Columbus, Ohio, Super-wide Angle Photography and Its Application in Highway Mapping (to be known as State of Ohio, Department of Highways Project No. 2159 - New - Department of Geodetic Science).  
Gross Value - \$6,528.00.

March 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Industrial and Other Contracts

- a. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - Checks Nos. C257763, C258864, 286368 - Department of Surgery).  
Gross Value - \$1,794.14.
- b. Health Research, Inc., Roswell Park Division, 666 Elm Street, Buffalo, New York, Breast Adjuvant Study (to be known as Health Research, Inc. Project No. 1569 - Checks Nos. 19469, 002277, 003439, 15138 - Department of Surgery).  
Gross Value - \$2,100.00.
- c. American Cancer Society, Inc., 219 East 42nd Street, New York, New York, Autologous Bone Marrow Transplantation (to be known as American Cancer Society, Inc. Project No. 1887 - Ext. #1 - Department of Medicine).  
Gross Value - \$12,412.00.
- d. University of Cincinnati, Cincinnati, Ohio, Theoretical Studies of the Heat and Mass Transfer in Binary Boundary Flows at Very High Velocities (to be known as University of Cincinnati Project No. 2079 - Amend. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$9,971.00.

TOTAL - Industrial and Other Contracts \$26,277.14

The foregoing twenty contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$931,395.14.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

During the period from January 29, 1966 through February 24, 1966, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and record.

March 10, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

1. Government Research Contract

EES 279	Investigation of Soil-Structure Interaction in Culvert Pipes, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C. Gross Value - \$56,760.00.
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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since February 10, 1966, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$166,000.00 from the Department of Health, Education, and Welfare, Office of Education, Division of Handicapped Children and Youth, Washington, D. C. 20202, to the University for support of the program entitled, "Preparation of Professional Personnel in the Education of Handicapped Children." (Grant OEG-3-6-00145-0145)
2. \$12,600.00 from National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Professor W. Hayes Yeager, Department of Speech. This grant terminates on July 31, 1967. (GY-842)
3. \$11,200.00 from National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Professor John G. Burnham, Department of History. This grant terminates on September 30, 1966. (GY-965)
4. \$10,500.00 from National Science Foundation to the University for support of an "Undergraduate Research Participation Program," under the direction of Professor Belton M. Fleisher, Department of Economics. This grant terminates on July 31, 1967. (GY-849)
5. \$5,523.00 additional grant from the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of "Cancer Training," under the direction of Dr. Emmerich von Haam, Department of Pathology, for the period September 1, 1965 through June 30, 1966. (Grant T2 CA 469-19 Revised)

TOTAL - Through the Office of Business and Finance \$205,823.00

March 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$23,000.00 from The Friedman Foundation, Tiffin, Ohio, to the University for deposit in the Friedman Fund, Account No. 179989.
2. \$16,000.00 from William R. Flesher and Marie Adamson Flesher for the establishment of The Flesher Fellowship Fund.

The Flesher Fellowship Fund

The Flesher Fellowship Fund was established December 31, 1965, by gifts through the Development Fund from William R. Flesher, M. A. '35, Ph. D. '42, and Marie Adamson Flesher, M. A. '35, Ph. D. '51, who served respectively as professor and associate professor in the College of Education until their resignations in October, 1961.

This Fund, to be known popularly as "The Sweet Sixteen Fund," is established in honor of Mr. Flesher's 16 doctoral graduates:

Harold W. Boles, '57	Paul K. Howells, '56
Guy W. Buddenmeyer, '53	Robert E. Hubbard, '53
Kenneth J. Crim, '59	Hugh S. Morrison, '57
Victor W. Doherty, '54	John O. Niederhauser, '61
Max W. Evans, '61	Emiliano C. Ramirez, '53
Walter G. Hack, '59	William M. Root, '58
David C. Hanna, '50	John W. Shreve, '57
Darrell C. Holmes, '50	Orval L. Ulry, '53

The principal is to be invested in accordance with G. C. Sec. 3345.16.

The income from this Fund is to be used to provide annual fellowships for doctoral students at The Ohio State University majoring in the field of education.

Contributions to this Fund may be made at any time by others, including the 16 doctoral graduates named above in whose honor this Fund has been established.

3. \$12,000.00 from Corn Industries Research Fund, Inc., Washington, D. C., for research in the Department of Chemistry.
4. \$12,000.00 from the American Dairy Association, Chicago, Illinois--\$8,000.00 for cheese research in the Department of Dairy Technology and \$4,000.00 for ice cream research in the Department of Dairy Technology.
5. \$8,517.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.

March 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$7,000.00 from Esso Research and Engineering Company, Linden, New Jersey--\$3,500.00 for the Esso Postgraduate Fellowship in Chemistry and \$3,500.00 for the Esso Graduate Fellowship in Chemical Engineering.
7. \$5,016.69 from the National Fund for Graduate Nursing Education, Washington, D. C. , for the Graduate Nursing Education Fund.
8. \$5,000.00 from George E. Armington, Sr. , Austinburg, Ohio, as an undesignated gift to the Development Fund.
9. \$5,000.00 from William B. Calkins, Orlando, Florida, for the alumni house.
10. \$5,000.00 from National Machinery Foundation, Inc. , Tiffin, Ohio, to the University for deposit in the Friedman Fund, Account No. 179989.
11. \$5,000.00 from the Central Ohio Heart Association for the establishment of the "Gustav Hirsch Memorial Professorship" in the College of Medicine.
12. \$4,917.50 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
13. \$4,400.00 from Tek-Hughes for research in the College of Dentistry.
14. \$4,342.00 from the Grace High Washburn Trust for the Grace High Washburn Trust Scholarship Fund.
15. \$4,000.00 from Monsanto Chemical Company--\$2,500.00 for the Monsanto Aid to Education in Chemical Engineering and \$1,500.00 for the Monsanto Fellowship in Chemistry.
16. \$3,000.00 from Ernst & Ernst Foundation, Cleveland, Ohio, for general use in the Department of Accounting.
17. \$3,000.00 from The Refractories Institute for the F. I. R. E. Fund in Ceramic Engineering.
18. \$2,500.00 from Dr. Victor L. Steffel for the Victor L. and Marie Steffel Student Loan Fund.
19. \$2,200.00 from the United Health Foundation of The United Community Services of Greater Elyria, Inc. , Elyria, Ohio, for the United Health Foundation of Greater Elyria Fund.
20. \$2,000.00 from The National Drug Company for the National Drug Company Fund.

March 10, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

21. \$1,500.00 from Dr. Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
22. \$1,500.00 from Mrs. Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
23. \$1,500.00 from Ayerst Laboratories for the Ayerst Laboratories Fund.
24. \$1,000.00 from Procter & Gamble Company, Cincinnati, Ohio, for the Department of Microbiology Special Fund.

TOTAL - Received Through the Development Fund \$139,393.19

Upon motion of Mr. Davis, seconded by Dr. Thomas, the acceptance of the above grants and gifts was approved by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

In January, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	329	\$ 30,397.75
Individuals, other than alumni	92	7,552.00
Nonprofit organizations	31	95,556.00
Business concerns	<u>14</u>	<u>41,867.00</u>
	466	\$175,372.75

Of these gifts, 241 totaling \$9,100.85 were undesignated and 225 totaling \$166,271.90 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation for Research Project - Renovation of Animal Research Laboratory - Botany and Zoology Building

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it was recommended that a sum of \$5,000.00 be appropriated from the University Treasurer Research Subaccount (b) for renovation of a research laboratory for animal experimentation in the Botany and Zoology Building.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

March 10, 1966 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

B. Orientation Program for New Faculty - 1966-67

Upon the recommendation of Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, it was recommended that an amount not to exceed \$850.00 be appropriated from the University Treasurer General Fund to the Committee on Orientation of New Faculty Members, for the purpose of defraying the expenses for this orientation program.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

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VI. EXTRA ORDER TO CONTRACT

At the request of the Vice President for Business and Finance, it was recommended that the Extra Order to Contract as listed below be approved by the Board of Trustees:

A. Extra Order to Contract

1. Taylor Tower	\$515.00
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Upon motion of Mr. Davis, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

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VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it was recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Military Science - Modernization of Lighting

This project will replace the existing incandescent lighting with fluorescent lighting.

Funds will be provided from Budget Account 121658.

B. Renovating Operating Suites 9, 10, 11, and 12 and Related Areas

This project will remodel four operating rooms and related areas including new conductive flooring; ceramic tile walls; new ceilings; new lighting and wiring for TV monitors; new sinks; outlets for oxygen, air, and other gases; and related work.

Funds will be provided from the University Hospital Rotary.



March 10, 1966 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

C. Electronics Laboratories

This project is a complete new building with fixed equipment to serve the instruction and research activities related to electronics in the Department of Electrical Engineering and includes a bridge connecting the new building with Caldwell Laboratory.

Funds for this project are provided in Item 002, H. B. 202.

D. Systems Engineering Building

This project is a complete new building with fixed equipment, to serve for all instruction and research activities of the Department of Industrial Engineering and includes classrooms, laboratories, offices, and related areas.

Funds for this project are provided in Item 012, H. B. 202.

E. Wright State Campus, Phase IV

This project is a four-story building to house the various engineering departments and related physical sciences.

Funds for the project are provided in Item 275-002, H. B. 949.

Upon motion of Mr. Bricker, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. Repairs to Sisson Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received February 3, 1966)		
Payt Construction Company (Columbus)		
Base Bid	\$ 33,590.00	\$ 38,000.00
Alt. G-1 Site Improvement	2,200.00	3,500.00
Total	<u>\$ 35,790.00</u>	<u>\$ 41,500.00</u>

March 10, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Repairs to Sisson Hall (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(3 bids received January 25, 1966)		
Keen-Air Conditioning Corporation		
(Columbus)		
Base Bid	\$ 35,470.00	\$ 38,000.00
Alt. H-1 Exhaust System Room 20	<u>1,330.00</u>	<u>1,800.00</u>
Total	<u>\$ 36,800.00</u>	<u>\$ 39,800.00</u>
<u>Plumbing Contract</u>		
(4 bids received February 3, 1966)		
Piping Contractors Co. (Columbus)		
Base Bid	<u>\$ 24,581.00</u>	<u>\$ 28,000.00</u>
<u>Electrical Contract</u>		
(7 bids received January 25, 1966)		
Reco Electric Company (Columbus)		
Base Bid	\$ 18,900.00	\$ 20,000.00
Alt. E-1 Electric for Exhaust System		
Room 20	254.00	150.00
Alt. E-2 Electric Work in Office	<u>1,010.00</u>	<u>1,000.00</u>
Total	<u>\$ 20,164.00</u>	<u>\$ 21,150.00</u>
<u>Equipment Contract</u>		
(3 bids received January 25, 1966)		
Brown Morse Company (Columbus)		
Base Bid	<u>\$ 18,758.00</u>	<u>\$ 20,500.00</u>
Total All Contracts	<u>\$136,093.00</u>	<u>\$150,950.00</u>

Funds for this project are provided from the National Heart Institute and the University Treasurer Research Account.

B. Arps Hall - Repairs to Electrical Systems

	<u>Low Bid</u>	<u>Est. of Cost</u>
(7 bids received February 4, 1966)		
Jess Howard Electric Co. (Columbus)	\$ 39,447.00	\$ 80,000.00

Funds for this project will be provided from Budget Account 121658.

March 10, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Agricultural Administration Building Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(4 bids received February 9, 1966)		
Comfort Contractors, Inc. (Columbus)	\$ 17,888.00	\$ 19,900.00
<u>Electrical Contract</u>		
(3 bids received February 9, 1966)		
Reco Electric Contractors, Inc. (Columbus)	2,600.00	3,400.00
<u>Total Contracts</u>	<u>\$ 20,488.00</u>	<u>\$ 23,300.00</u>

Funds for this project will be provided from Budget Account 129010.

D. Dodd Hall - Entrance Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received February 25, 1966)		
A. L. Meyer Construction Co. (Columbus)		
Base Bid	\$ 9,167.00	\$ 10,100.00
Alt. G-1 Asphalt Concrete Paving	600.00	300.00
Alt. G-2 General Work in Conjunction with Heating	61.00	300.00
Total	<u>\$ 9,828.00</u>	<u>\$ 10,700.00</u>
<u>Heating Contract</u>		
(2 bids received February 10, 1966)		
Comfort Contractors (Columbus)	\$ 1,700.00	\$ 2,300.00
<u>Electrical Contract</u>		
(3 bids received February 10, 1966)		
Reco Electric (Columbus)		
Base Bid	\$ 1,310.00	\$ 1,600.00
Alt. E-1 Electrical Work in Conjunction with Heating	80.00	400.00
Total	<u>\$ 1,390.00</u>	<u>\$ 2,000.00</u>
<u>Total Contracts</u>	<u>\$ 12,918.00</u>	<u>\$ 15,000.00</u>

Funds for this project are provided from Budget Account 410003.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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IX. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

- 41 Approves the transfer of \$37,000.00 from Item 034 to a new account, Item 046 Horticulture, Forestry, and Food Technology Facility, and releases this amount for planning the project.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Athletic Facility North, Employment of Engineers

It was recommended that the engineering firm of Ralph J. Kramer, Comer & Passe be employed to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing and electrical work for the above project; including design, preparation of drawings, specifications, and estimate of cost, and complete field supervision of construction.

This service will be provided at a fee of 5 1/2 per cent of the cost of the mechanical and electrical work or an estimated fee of \$10,450.00. Funds for this project are provided from the Athletic Department Rotary.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

B. Mansfield Campus, Phase II, Employment of Architects

The employment of Thomas Gene Zaugg and Associates as architects for this project was approved by the Board of Trustees at the December 9, 1965 meeting. This firm subsequently requested permission to withdraw from the project without prejudice.

It was therefore recommended that the action of the Board on December 9, 1965, be rescinded and that the architectural firm of Marr, Knapp and Crawfis be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

This service will be provided at a fee of 6 per cent of the cost of construction or an estimated fee of \$42,000.00. Funds for the project are provided from Budget Account 801071.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

March 10, 1966 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

C. Medical Center Utilities, Employment of Engineers

It was recommended that the engineering firm of Burgess and Niple, Ltd. be employed to provide complete professional engineering services for the above project, including surveys, design, preparation of drawings, specifications and estimate of cost, and complete field supervision of construction.

This service will be provided at a fee to be negotiated by the Director of Public Works and funds will be provided from Item 048, H. B. 202.

Upon motion of Mr. Bricker, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

D. Acquisition of Property - 132 West Tenth Avenue

President Fawcett presented the following resolution for consideration by the Board of Trustees:

WHEREAS, The Ohio State University has acquired certain parcels of real property located between Ninth and Eleventh Avenues, bounded on the east by High Street and on the west by Neil Avenue; and

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of dormitory, educational, research, and service facilities, will be required to acquire most, if not all, of the land lying between Ninth and Eleventh Avenues east of Neil Avenue and west of High Street; and

WHEREAS, the Trustees of The Ohio State University deem that the acquisition of this land is mandatory in meeting the needs of the University and serving the people of the State of Ohio; and therefore, find it necessary to proceed with the acquisition of real property therefor;

NOW BE IT RESOLVED, that the Vice President for Business and Finance be authorized to proceed with the purchase of the following described real estate from Dormitory Revenue Funds and, in the event negotiations should fail, that pursuant to his statutory authority, the Director of Public Works for and on behalf of said Board of Trustees, be requested to take steps to acquire by condemnation, for the State of Ohio, and said University, the following described real estate located in Columbus, Franklin County, Ohio:

Lot No. 26, John A. Evan's College View Addition,  
Columbus, Franklin County, Ohio, and commonly known  
as 132 West 10th Avenue. The owner of record is Alumni  
Fund, Inc.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above resolution was adopted by unanimous roll call vote.

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March 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Edgar Charles Clark, Professor Emeritus of Engineering Mechanics; George Morris Curtis, Professor Emeritus in the Department of Surgery; Ray William Kissane, Clinical Professor Emeritus in the Department of Medicine; Clifford C. Sherburne, Clinical Professor Emeritus in the Department of Medicine; and Lawrence Everette Laybourne, former member of the Board of Trustees. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Edgar Charles Clark

The Board of Trustees expresses its sorrow at the death on February 11, 1966, of Edgar Charles Clark, Professor Emeritus of Engineering Mechanics.

Professor Clark was born in Chicago on August 2, 1903. He was graduated from the University of Kansas in 1925 with the degree B.S. in C.E. He taught at the University of Illinois where he pursued graduate work leading to the degree of M.Sc. in Theoretical and Applied Mechanics in 1929. At that time he joined the faculty at The Ohio State University as Instructor in Mechanics. He retired from his position as Professor of Engineering Mechanics in June, 1965.

A master of techniques in experimental stress analysis with an ingenuity and inventiveness, Professor Clark was admired by his colleagues and students. His research and teaching were characterized by a thoroughgoing attention to principles. In his classes he excelled in reducing analytical problems to their simplest terms and in demonstrations of physical analogs. His research reports were notable for their clarity.

Professor Clark enjoyed watching the developing maturity of his students and gave generously of his time for thirty years as adviser and faculty treasurer of Ohio Gamma Chapter of Tau Beta Pi, honorary engineering society. In October, 1965, he was made national president-elect of this society.

Professor Clark was active at the national and local level in the American Society for Engineering Education and the Society for Experimental Stress Analysis. He was a member of Sigma Xi and the American Association of University Professors.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

March 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. George Morris Curtis

The Board of Trustees expresses its sorrow at the death on December 23, 1965, of George M. Curtis, Professor Emeritus in the Department of Surgery.

Dr. George Morris Curtis was born in Big Rapids, Michigan, on April 2, 1890. Upon graduating from Greenville High School, he entered the University of Michigan where he earned the rare distinction of graduating in 1910 with both a master and bachelor of arts degree, and in 1914 he received his doctorate in anatomy. Dr. Curtis was then appointed Assistant Professor of Anatomy at Vanderbilt University and became head of the Anatomy Department in 1915.

After serving in the U. S. Army Medical Corps in World War I, he entered Rush Medical College and received his M.D. degree in 1920. He served his internship at a U. S. Public Health Service Hospital in Chicago and was resident in surgery at the Presbyterian Hospital in Chicago. In 1924, Dr. Curtis was awarded a fellowship by the National Research Council for the study of iodine metabolism at the University of Chicago and the University of Berne, Switzerland.

In 1927, upon returning from Europe, Dr. Curtis was appointed Associate Professor of Surgery at the newly established University of Chicago Medical School. In 1932, Dr. Curtis accepted the position of Professor of Surgery at The Ohio State University, and in 1936 he was made Chairman of the newly created Department of Research Surgery, in which capacity he served until his retirement due to illness in 1952. The same year, he was awarded the Honorary Degree of Doctor of Science by the University of Michigan.

The rapid growth of The Ohio State University Medical School is in no small degree due to the untiring efforts of George Morris Curtis during his twenty years of association with this institution. His broad background in both basic science and surgery was admirably suited to the extensive program of research, teaching, and surgery which he initiated and administered until his retirement. His distinguished investigation of thyroid physiology, iodine metabolism, pulmonary and splenic diseases, and many other timely and pertinent problems afforded an academic orientation and brought widespread recognition to the medical school. An outstanding author, Dr. Curtis' first scientific report was published in 1910. At the time of his retirement, he was the author of over two hundred and fifty publications which testify to his interest in and dedication to scientific inquiry.

Dr. Curtis was an inspiring teacher in the true sense of the word. His lectures were prepared in advance and delivered with precision and clarity. The Class of 1942 elected him "Man of the Year." He established a program of approved residency training and initiated a course of study and investigation in the Graduate School leading to the degree of Master of Medical Science. Thirty-two of his students received this advanced degree.

March 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

B. George Morris Curtis (continued)

Dr. Curtis held membership in over fifty medical societies. He was president of the Ohio Academy of Science in 1939; founder and first secretary of the Central Surgical Association in 1940 and its president in 1946; founder-member of the American Board of Surgery and American Board of Thoracic Surgery; and president of the Columbus Surgical Society in 1947. Dr. Curtis was a member of Phi Beta Kappa, Alpha Omega Alpha, Sigma Xi, Phi Sigma, Gamma Alpha, Alpha Kappa Kappa, and Beta Epsilon.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

C. Ray William Kissane

The Board of Trustees expresses its sorrow at the death on October 15, 1965, of Ray William Kissane, Clinical Professor Emeritus in the Department of Medicine.

Ray William Kissane was born November 15, 1894, in Galion, Ohio. He received his Medical Degree from The Ohio State University in June, 1918. His internship was served in the U. S. Army Hospital No. 4, at Ft. Oglethorpe, Georgia, in 1918-1919. He pursued postgraduate work in cardiology at Barnes Hospital, Washington University, St. Louis, in 1925. Upon his return to Columbus, he became Director of Cardiology at White Cross Hospital in 1925; and he was made Director of Cardiology at Children's Hospital in 1926. He worked and studied at the National Hospital for Diseases of the Heart at London University; at University of Bristol, England; at Edinburgh, Scotland; and at Belfast, Ireland, in 1928-1929.

Dr. Kissane received his first appointment in the Department of Medicine, The Ohio State University, in 1933, as Lecturer in Cardiology. He was promoted to Clinical Associate Professor in 1946 and to Professor in Cardiology in 1949. He was named Clinical Professor and Director of the Division of Cardiology in 1951. He was made Clinical Professor Emeritus on July 1, 1965.

Dr. Kissane held certification under the American Board of Internal Medicine and the American Board of Cardiology since their inception. He became a Fellow of the American College of Physicians, a Fellow of the American College of Cardiology, and a Fellow of the American College of Chest Physicians, and Governor for Ohio in the latter College. He was the first President of the Central Ohio Heart Association and was Chairman of its Board of Directors for a number of years. He was past President and a member of the Board of Trustees of the Ohio State Heart Association, receiving the Certificate of Meritorious Achievement in recognition of his leadership. He was one of the organizers and always a strong supporter of the American Heart Association, having been awarded its Distinguished Achievement Medal.



March 10, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

C. Ray William Kissane (continued)

Since his first publication in 1928, he was a steady contributor to the cardiac medical literature.

Always impatient with what he felt might be delaying tactics and with a rugged individualism, Dr. Kissane made a real impact on cardiologic research and practice locally and nationally. Diseases of the heart are now receiving their rightful emphasis due to men like Dr. Kissane, who pioneered the earlier scientific approaches to a better understanding and control of the cardiovascular system. He lived to see the beginning fruition of the seeds he helped to plant.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

D. Clifford C. Sherburne

The Board of Trustees expresses its sorrow at the death on November 13, 1965, of Clifford C. Sherburne, Clinical Professor Emeritus in the Department of Medicine.

Dr. Sherburne was born in Newark, Ohio, in 1894. He was graduated from Denison University in 1917; was graduated from the College of Medicine at Washington University in 1921; and spent two years in postgraduate training at Barnes Hospital. He was well prepared for his long service to his patients, to his profession, to his community, and to this University. The record of his service is inscribed in the archives of local, state, and national medical associations and in those of numerous community organizations.

Dr. Sherburne's service to The Ohio State University began in 1931 as Clinical Assistant Instructor. He progressed through the ranks until July 1, 1965; he was named Clinical Professor Emeritus.

Dr. Sherburne is remembered by his students and colleagues with affection and respect for his integrity, his good sense, and his unfailing good humor.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees.

March 10, 1966 meeting, Board of Trustees

## XII. RESOLUTIONS IN MEMORIAM (continued)

### E. Lawrence Everette Laybourne

The Board of Trustees expresses its sorrow at the death on Thursday, March 3, 1966, of Lawrence Everette Laybourne, Class of 1902 and member of this Board of Trustees from May 14, 1921 through May 13, 1933.

Mr. Laybourne was born in Springfield, Ohio, where he lived a full life of 37 years dedicated to his family, his community, his profession, and his University. He received his LL. B. degree from The Ohio State University in 1902 and his service to his alma mater was continuous and of the highest order. The University has been greatly enriched because of it. He was first appointed as a trustee of the University by Governor Harry L. Davis and was reappointed for two successive terms by Governor A. Vic Donahey and Governor George White. Mr. Laybourne served as Chairman of the Board on three different occasions, and it was during his first Chairmanship that Dr. George W. Rightmire was selected in 1926 to succeed Dr. William Oxley Thompson as President of the University.

Mr. Laybourne's devotion to the University is evidenced by his outstanding attendance record at meetings of the Board during his 17 years of service on the Board. As a trustee in the early 1920's, he gave personal leadership in supporting the University administration and the faculty in organizing The Ohio State University Faculty Club and establishing it in the Administration Building where the Faculty Club was first located. During his last year of service on the Board, he served as its Chairman and was active in promoting and achieving the organization of The Ohio State University Development Fund, the official gift-receiving agency of the University.

Mr. Laybourne's two sons, Everette and Lawrence, received their degrees from The Ohio State University and in both cases it was his highly treasured privilege to sign his sons' diplomas. Both sons are following in their father's tradition of dedicated and faithful service to the University, with Lawrence currently serving as President of The Ohio State University Association. All who knew Mr. Laybourne prized his kindly friendship, respected his wise counsel, and appreciated his loyalty to the people and organizations closest to his heart.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution of sympathy and regret be inscribed upon the minutes of the Board of Trustees and that a copy be sent to his sons, Everette B., B. A. '32 and Lawrence E., B. A. '34.

## XII. REPORTS

### A. Report on Highlights of Campus Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

March 10, 1966 meeting, Board of Trustees

## XII. REPORTS (continued)

### A. Report on Highlights of Campus Activities (continued)

1. The Ohio State University Development Fund Board has approved the proposal made by Dr. Garrett, Vice President for Research, that ten fellowships in the humanities be authorized for 1966-67.
2. Dr. Stephenson, Executive Director of the Research Foundation, reported that the contract research administered by the Research Foundation totaled \$12,566,518.00 for the 1965 fiscal year. Gross charges to government sponsors on 531 research projects were \$11,779,152.00 and charges to industrial sponsors were \$787,366.00 on 115 projects. A total of 2,810 persons worked on research projects, including 519 faculty, 655 investigators, 721 graduate students, 665 supporting staff, and 250 hourly wage personnel.
3. The University is authorized to award 20 fellowships to experienced secondary school teachers of geography. Ohio State will receive \$2,500.00 for each fellowship, or \$50,000.00, to carry on the program beginning in September. It will extend over four quarters. Fifty proposals were approved out of 992 proposals submitted by 378 colleges and universities.
4. The University honored 505 top-ranking students at the ninth annual President's Scholarship Recognition Dinner on February 22, where Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, was the speaker.

### B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated February 28, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

### C. Report Concerning Parking Facilities - Spira Park Garage

Vice President Carson presented the following report:

On June 10, 1965, the Board of Trustees established the presently used parking charges on campus for faculty, students and staff. Based upon these charges, feasibility studies on parking revenue bonds were updated, bond counsel was engaged, and action continued to improve parking facilities.

On April 2, 1965, the University took bids on a garage for parking 830 cars in the Medical Center Area. These bids were received, based upon designs by project architects and engineers. The result of this bidding produced a construction cost of \$2,298 per car and a turnkey cost of \$2,463 per car, which figures were over the estimates and beyond anything that could be financed. In view of this result, it was necessary to reject all bids.

March 10, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

C. Report Concerning Parking Facilities - Spira Park Garage (continued)

Immediately thereafter, alternative methods of achieving the same or greater capacity in a parking garage were examined. This process brought to light a Spira Park design on which the Austin Company of Cleveland had patents pending and for which they were the sole source of supply. It appeared that this facility could be built for approximately \$1,500 per car space on a turn-key basis. The design had certain additional features which made it attractive, such as, no steep ramps and no pockets which were unusable for parking.

A number of conferences were held between Austin Company representatives and University officials concerning the Spira Park design and their ability to construct it promptly at an economical price.

Having ascertained that the Austin Company design was highly desirable from every point of view, including that of cost, and that they were the sole source through which the Spira Park design could be obtained at the favorable price of approximately \$1,500 per car space, the Board of Trustees on November 5, 1965, adopted a resolution authorizing the University to request permission from the Controlling Board of the State of Ohio to permit the construction of a Spira Park garage through a contract to be negotiated with the Austin Company without competitive bidding. On November 18, 1965, the Controlling Board granted this permission and immediately thereafter the Austin Company proposed a contract with the University at \$1,495 per car space on a turnkey basis, or a saving of some \$968 per car space over the previous bid on the medical ramp, and approximately \$600 per car space compared to standard designs and construction based upon architects' estimates obtained on two 'standard' garages. Standard garages must be used because of space limitations at the Ohio Union location and the Arps Hall location (the Spira Park garage takes more land area than is available at either of the above-mentioned sites.)

On November 18, 1965, James R. Elleman, Secretary of the Mechanical Contracting Industry of Ohio, wrote a letter protesting the procedure, and it was answered on December 1. As a result of this interchange, Mr. Elleman requested and received an opportunity for a conference, which was held at the University on December 6, 1965, and at which Mr. Elleman and Sam Givelber, representing the Mechanical Contracting Industry of Ohio with W. J. Lohr, their attorney, met with Messrs. Carson, Shupe and Lance of the University.

March 10, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

C. Reports Concerning Parking Facilities - Spira Park Garage (continued)

Thereafter, W. J. Lohr, as attorney for the National Electrical Contractors Association, Central Ohio Chapter, in a letter dated December 23, 1965, stated, ' . . . in the event this method of procedure is pursued, we will be constrained to join with others in preventing what we consider to be illegal construction. ' The state statutes pertaining to the Controlling Board's right to authorize such construction have not been challenged before.

Subsequently, conferences involving the attorneys for the Austin Company were held, and a final meeting took place on February 15, 1966, at the University. The Austin Company attorneys stated the Company's position very simply: ' We are contractors interested in building buildings and not in engaging in litigation. '

Accordingly, no contract could be signed for the Spira Park garage and therefore it will be necessary for the University to take bids on new designs through which we will attempt to reduce the cost thereon as much as possible. It appears, however, that as a result of the Mechanical Contractors' attitudes as expressed by Attorney Lohr, who spoke also for the National Electrical Contractors Association, Central Ohio Chapter, added costs for securing the facility will be imposed upon the University and these in turn must be borne by the students, faculty and staff of the University through their payment of parking fees, since financing can only be done through parking revenue bonds. Further, the completion of such a project is thus delayed for at least a year. No bonds can be sold when a threat of suit impends, and no tax monies are available for parking structures.

The University Administration will do everything in its power to keep the costs resulting from new designs as low as possible, but because of the threatened legal action and the understandable unwillingness of the Austin Company to engage in litigation, it appears that delays in completion and added costs will be imposed upon the University.

The Chairman, Mr. Loop, expressed appreciation to Dr. Carson for the detailed report on the status of construction of parking facilities and commented that the Board is saddened because of the hardship and inconvenience which the above reported predicament will have upon the faculty, staff, and students.

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Thereupon the Board adjourned to meet Thursday, April 14, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

\_\_\_\_\_  
John T. Mount  
Secretary

\_\_\_\_\_  
Alan B. Loop  
Chairman

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## APPENDIX VIII

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 18, 1966

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# The Recipient of the Honorary Degree

## ROBERTO SÁNCHEZ VILELLA

### DOCTOR OF LAWS

*Public servant, civil engineer, statesman, efficient administrator, champion of enlightened capitalism, and a sincere idealist dedicated to achieving economic equality, political freedom, and social justice for his people*

Roberto Sánchez Vilella, to whom "Pan, Tierra, y Libertad" (Bread, Land, and Liberty) has been a way of life, was elected Governor of the Commonwealth of Puerto Rico in November, 1964. Since his youth he has devoted selfless service toward establishing economic equality and political and social freedom for the Puerto Rican people.

Born in 1913 in Mayaguez, Puerto Rico, he acquired his interest in public service from his father, Luis Sánchez Frasier, who was one of the founders of the Popular Democratic party and later became Vice Speaker of the House of Representatives. Roberto Sánchez Vilella grew up in the political reform movement and played a key role in helping to formulate and carry out major programs of land reform, of raising educational and living standards, and of changing from a rural to an industrial economy and from a colony to a Commonwealth ("Freely Associated State").

Governor Sánchez received his early education in the schools of San Juan and Ponce and was awarded the Bachelor of Civil Engineering degree from The Ohio State University in 1934. During his college years, he was an outstanding student and campus leader as evidenced by his election to Tau Beta Pi, Scabbard and Blade, Theta Xi, and the Council of Fraternity Presidents.

Rejecting attractive offers in the United States, he returned to Puerto Rico after graduation and went to work on economic reconstruction, water resources, and rural electrification. When his party won leadership at the polls in 1940, he was asked to help fulfill party programs through serving successively as: Sub Commissioner of the Interior; Administrator of the Transportation Authority; Administrator of the Capital of Puerto Rico; special assistant to the President of the Senate; resident engineer during the building of what is now the Caribe Hilton Hotel in San Juan; Executive Secretary of Puerto Rico; Secretary of Public Works; Secretary of State; and, last year succeeded Puerto Rico's popular Luis Muñoz Marín as Governor of the Commonwealth.

For years he has been a leading contributor to "Operation Boot-Strap," which has held the attention of the free world as an outstanding example of enlightened capitalism and has changed the former "poorhouse of the Caribbean" to a land of prosperity, high literacy, and stability.

## Graduate School

Dean: Richard Armitage

### Doctor of Philosophy

- William Raymond Abbott.....Columbus  
B.A. (Kenyon College)  
*Dissertation:* Sense Experience in Spinoza's Theory of Knowledge  
*Field of Specialization:* Philosophy
- Alfred Birk Adams.....North Canton  
B.S. (Bethany College); M.S. (Michigan State University)  
*Dissertation:* Investigations of a Lactobacillus Inhibitor from Human Saliva  
*Field of Specialization:* Physiological Chemistry
- Benard Harold Anderson.....Greeley, Colo.  
B.S., M.Ed. (Colorado State University)  
*Dissertation:* Guidelines for Planning and Conducting Cooperative Work Experience Programs in Vocational Agriculture  
*Field of Specialization:* Agricultural Education
- Henry Wolfgang Babel.....Urbana, Ill.  
B.S. (M.E.), M.S. (University of Illinois)  
*Dissertation:* Biaxial Fracture Strength of Brittle Materials  
*Field of Specialization:* Industrial Engineering
- Richard Lawrence Beauchamp.....Massillon  
B.S. Met. Engr. (Michigan College of Mining and Technology); M.Sc.  
*Dissertation:* Polarization Characteristics of High-Purity Iron-rich Iron-Chromium-Nickel Alloys in Sulfuric Acid Solutions  
*Field of Specialization:* Metallurgical Engineering
- Parduman Singh Bedi.....Patiala, Punjab, India  
B.Sc. in Ag., M.Sc. in Ag. (Punjab University)  
*Dissertation:* Studies on the Biological Control of Verticillium Wilt of Okra  
*Field of Specialization:* Botany and Plant Pathology
- Johanna Schwind Belkin.....Columbus  
*Dissertation:* Beiträge zur Geschichte des Wortes Welt  
*Field of Specialization:* German
- Gereld Stokes Benner.....Columbus, N. C.  
B.S. in Chem. (University of North Carolina); M.Sc.  
*Dissertation:* Cobalt (III) and Nickel (II) Complexes of Tris (3-dimethylarsinopropyl) arsine and Tris (3-dimethylarsinopropyl) phosine  
*Field of Specialization:* Chemistry
- Roland Francis Bleiholder.....Floral Park, N. Y.  
B.S. (Saint John's University, New York)  
*Dissertation:* I. Capture Reactions of Carbenes by Cumulenes  
II. Addition of Azides to Allenes  
*Field of Specialization:* Chemistry

- Dorothy Aitken Bohn.....Zanesville  
 B.S. in Ed. (College of Saint Mary of the Springs); M.A.  
*Dissertation:* A Sociological Study of Some Newspaper Reporting of the March on Washington  
*Field of Specialization:* Sociology
- Richard William Bowers.....Columbus  
 B.Sc. in Edu., M.A.  
*Dissertation:* Determination of the Effects of Various Helium-Oxygen and Air Environments upon Metabolic and Thermal Responses in Man  
*Field of Specialization:* Physiology
- Charles Herbert Brenner.....Buffalo, N. Y.  
 B.S., M.S. (University of Buffalo)  
*Dissertation:* A Coherent Transmitting Array Using Conjugate Phasing and Beam Tagging  
*Field of Specialization:* Electrical Engineering
- Prasenjit Chakravarty.....West Bengal, India  
 B.Sc., M.Sc. (University of Calcutta)  
*Dissertation:* I. Synthesis of Derivatives of 2,6-Diamino-2,6-Dideoxy-D-Mannose and 2-Amino-3,6-Anhydro-2-Deoxy-D-Mannose II. Amino Derivatives of Starches. Attempted Synthesis of 2-Amino-3,6-Anhydro-2-Deoxyamyllose and Degradative Experiments on *N*-Acetyl Aminated Amylose  
*Field of Specialization:* Chemistry
- Emery Swinford Conyers.....Lexington, Ky.  
 B.S. in Agr. (University of Kentucky); M.Sc.  
*Dissertation:* Release of Potassium from Soils and Clays by Plant and Chemical Extractions and the Effect on Clay Mineral Structure  
*Field of Specialization:* Agronomy
- Lorraine Carolyn Dahlke.....Athens  
 B.A. (University of Wisconsin); B.A. (University of Minnesota); M.S. (State University of Iowa)  
*Dissertation:* The Changes in the Lipid Components of Broccoli as the Result of Various Heat Treatments  
*Field of Specialization:* Home Economics
- Bernard John Darré, Jr.....New Orleans, La.  
 B.S. (Tulane University)  
*Dissertation:* Attempted Syntheses of 1, 5-Naphthoquinones, the 3,2,1-Bicyclic Mechanism, and the Deuterium Exchange of  $\alpha$ -Diazoketones  
*Field of Specialization:* Chemistry
- Dale Andrew Denny.....Columbus  
 B.Ch.E., M.Sc.  
*Dissertation:* Kinetic Interpretation of Non-Newtonian Flow: Transient Studies  
*Field of Specialization:* Chemical Engineering
- Phillip Edward Fraley.....Lewisburg  
 B.Sc. in Phys., M.Sc.  
*Dissertation:* The  $\gamma_1$  and  $\gamma_3$  Bands of  $H_2^{16}O$  and  $H_2^{18}O$   
*Field of Specialization:* Physics

- Louis Lance Gold.....Coraopolis, Pa.  
 B.S., M.Ed. (University of Pittsburgh)  
*Dissertation:* Verbal Interaction Patterns in the Classrooms of Selected Science Teachers: Biology  
*Field of Specialization:* Education
- Eugene Frederick Grape.....Brooklyn, N. Y.  
 A.B. (Brooklyn College); M.B.A.  
*Dissertation:* Retailer-owned Cooperative Wholesaling in the Hardware Trade  
*Field of Specialization:* Business Organization
- John Wesley Gray.....Lincoln, Nebr.  
 B.Sc. in E.E. (University of Nebraska); M.E.E. (New York University)  
*Dissertation:* Analysis and Measurement of the Small-Signal Gain of a GaAs Brewster Angle Light Amplifier as a Function of Current  
*Field of Specialization:* Electrical Engineering
- Philip A. Gray.....Bellville  
 A.B. (Ohio Northern University); M.A.  
*Dissertation:* Deviation as a Signal of the Existence of Conflict  
*Field of Specialization:* Speech
- John Amos Grove.....North Jackson  
 B.Sc. in Agr., M.Sc.  
*Dissertation:* Studies on the Nature of the Inhibition of  $\beta$ -Hydroxybutyrate Oxidation in Liver Cell Fractions from Rats Deficient in Vitamin E  
*Field of Specialization:* Animal Science
- Rodney Frederic Brandon Harris-Lowe.....Cooksville, Ont., Canada  
 B.Sc. (Hons) (Queen's University)  
*Dissertation:* Helium Film Transfer 0.4° K to the  $\lambda$  Point  
*Field of Specialization:* Physics
- Anne Yue Hashimoto.....Hong Kong, China  
 B.A. (Hons) (University of Hong Kong); M.A. (University of Texas)  
*Dissertation:* Embedding Structures in Mandarin  
*Field of Specialization:* Linguistics
- David Francis Heimann.....Fresno, Calif.  
 A.B. (Pontifical College Josephinum)  
*Dissertation:* Latin Word Order in the Writings of St. Jerome: *Vita Pauli, Vita Malehi, Vita Hilarionis*  
*Field of Specialization:* Classical Languages
- Edward Allan Hiler.....Harrison  
 B.Agr.E., M.Sc.  
*Dissertation:* Electrokinetic Movement of Suspended Colloids in a Flowing Medium  
*Field of Specialization:* Agricultural Engineering
- Paul Thomas Hill.....Columbus  
 B.Sc. in Edu., M.A.  
*Dissertation:* Religion in the Classroom: A Silhouette Comparison of Group Attitudes Relative to the Informal Versus Formal Teaching Approach in the Public School  
*Field of Specialization:* Education

- Rollin Earl Hook**.....Dayton  
 B.S.Met.E. (Purdue University) ; M.Sc.  
*Dissertation*: The Deformation Behavior of Bicrystals of Fe-3% Si  
*Field of Specialization*: Metallurgical Engineering
- William Baxter Joyce**.....Hamilton  
 B.Eng.Phys. (Cornell University)  
*Dissertation*: Macroscopic Master Equation  
*Field of Specialization*: Physics
- Dharam Sarup Kalra**.....Hissar, India  
 B.V.Sc., M.V.Sc. (University of the Punjab)  
*Dissertation*: Studies on the Estimation of Catalase Activity in Milk, with Particular Reference to Its Application as a Screening Test in Bovine Mastitis and Milk Quality Control  
*Field of Specialization*: Veterinary Preventive Medicine
- John Poong-Kil Kim**.....Seoul, Korea  
 B.S. (John Carroll University)  
*Dissertation*: The Mode of Solvation of Anilinium Salts  
*Field of Specialization*: Chemistry
- Arthur Francis LeBlanc**.....Columbus  
 B.A. (Norwich University) ; M.Ed. (Boston College)  
*Dissertation*: Orientation and Estimation of Time as a Function of Age  
*Field of Specialization*: Psychology
- Donald Dean Leopard**.....Buffalo, N. Y.  
 B.S. in Ed. (University of Dayton) ; M.A. (University of New Mexico)  
*Dissertation*: The French Conquest and Pacification of Madagascar, 1885-1905  
*Field of Specialization*: History
- David Jenkins McCaa**.....Glenside, Pa.  
 B.S. (Franklin and Marshall College) ; M.S. (University of Delaware)  
*Dissertation*: The Infrared Absorption Bands of Ozone  
*Field of Specialization*: Physics
- Upendra Narayan Mishra**.....Jagdispur, Bihar, India  
 B.Sc. (Bihar University) ; M.Sc.  
*Dissertation*: The Influence of Partial Steam Sterilization on the Release of Several Forms of Manganese in Some Soils Commonly Used by Ohio Greenhouse Growers  
*Field of Specialization*: Horticulture
- Gerald Prescott Morie**.....Wellsville, Mo.  
 B.S. (Central Missouri State College) ; M.Sc.  
*Dissertation*: Solvent Extraction, Gas Chromatographic, and Spectroscopic Studies of Some Metal Fluoroacetylacetonates  
*Field of Specialization*: Chemistry
- Syed Khawja Mowdood**.....Karachi, Pakistan  
 B.Sc. (Hons), M.Sc. (University of Karachi)  
*Dissertation*: Part I: The Alkaloids of *Tabernaemontana laurifolia*  
 Part II: The Glycosides of *Ornithogalum umbellatum*  
*Field of Specialization*: Chemistry

- Nelson Peter Mwanza.....Zomba, Malawi, Africa  
 B.Sc. (University of London); M.Sc.  
*Dissertation:* Viruses as Predisposing Factors in the Susceptibility of  
 Corn and Wheat Plants to Other Pathogens  
*Field of Specialization:* Botany and Plant Pathology
- Gunars Karlis Neiders.....Dunkirk  
 B.E.E., M.Sc.  
*Dissertation:* A Learning Procedure for the Generation of Value Func-  
 tions Based upon Incomplete Binary Comparisons  
*Field of Specialization:* Electrical Engineering
- John Edmondson Norvell III.....Columbus  
 B.S. (Morris Harvey College); M.S. (West Virginia University)  
*Dissertation:* A Study of the Aorticorenal Ganglion  
*Field of Specialization:* Anatomy
- Roger Sam Pankratz.....Hillsboro, Kans.  
 A.B. (Tabor College, Kansas); M.S. (Kansas State Teachers College)  
*Dissertation:* Verbal Interaction Patterns in the Classrooms of Selected  
 Science Teachers: Physics  
*Field of Specialization:* Education
- Thomas Alan Petrie.....Columbus  
 B.A. (Otterbein College); M.A. (Kent State University)  
*Dissertation:* Change in Organizational Climate after Leader Suc-  
 cession  
*Field of Specialization:* Education
- Robert Conrad Schwyn.....Toledo  
 B.Sc., M.Sc.  
*Dissertation:* An Autoradiographic Study of Neuroglia  
*Field of Specialization:* Anatomy
- James Floyd Scott.....Burlington, N. J.  
 A.B. (Harvard University)  
*Dissertation:* Infrared Absorption Bands of Acetylene  
*Field of Specialization:* Physics
- Darrell George Simko.....Lakewood  
 B.S., M.A. (Western Reserve University)  
*Dissertation:* The Effects of Phicon upon Ligamentous Healing in Rats  
*Field of Specialization:* Physical Education
- Shashikant Keshavlal Sonawala.....Bombay, India  
 B.Ch.E. (University of Bombay); M.Sc.  
*Dissertation:* A Kinetic Study of Second-Order Chemical Reaction in  
 Steady and Transient Tank Flow Systems  
*Field of Specialization:* Chemical Engineering
- Paul Ronald Stephenson.....Leavenworth, Ind.  
 B.S. in Bus. (Indiana University); M.B.A.  
*Dissertation:* Post-Purchase Economic Attitude Change: A Dissonance  
 Analysis  
*Field of Specialization:* Business Organization

Sami Jamil Talhouk.....Aley, Lebanon  
 B.A. (American University of Beirut); M.S. (Southern Methodist University)  
*Dissertation:* An Investigation of Structure in Para-and Ortho-Liquid Deuterium by Neutron Scattering  
*Field of Specialization:* Chemistry

Prem Chand Thapan.....Nagina, India  
 B.Sc. in Ag. (University of Allahabad); M.Sc. in Ag. (Agra University)  
*Dissertation:* Index Selection as a Method of Estimating Breeding Value in Targhee Sheep  
*Field of Specialization:* Animal Science

Lorraine Eugenia Trojan.....Bayonne, N. J.  
 B.S. (Pratt Institute); M.S. (University of Massachusetts)  
*Dissertation:* The Effect of Essential Fatty Acid Deficiency in Rats on Membrane Associated Reactions  
*Field of Specialization:* Physiological Chemistry

Joseph Francis Weiss.....Moosic, Pa.  
 B.S. (University of Scranton); M.Sc.  
*Dissertation:* Studies on the Effect of Dietary Factors and Drugs on Cholesterol Metabolism in the Hen  
*Field of Specialization:* Physiological Chemistry

Frank Victor Zalar.....Cleveland  
 B.S. (John Carroll University)  
*Dissertation:* Some Reactions of Non-Enolizable Ketones with Base  
*Field of Specialization:* Chemistry

†Lawrence Alfred Zinn.....Vermilion  
 B.S. in Edu., M.Ed. (Wittenberg University)  
*Dissertation:* Role Dimensions of the Administrative Assistant to the Superintendent, Related to the Organizational Climate of the Central Office, in Selected Ohio School Districts  
*Field of Specialization:* Education

(Fifty-four candidates)

## Master of Accounting

Hovert Gerald Icenhower.....Alexandria  
 B.Sc. in Bus.Adm.  
*Field of Specialization:* Accounting

Peter Richard Mushinko.....Euclid  
 B.S. (Pennsylvania State University)  
*Field of Specialization:* Accounting

David Lewis Rogers.....Columbus  
 B.Sc. in Bus.Adm.  
*Field of Specialization:* Accounting

Howard Sanders.....Philadelphia, Pa.  
 B.S. (Temple University)  
*Field of Specialization:* Accounting

(Four candidates)

† Degree granted in cooperation with Miami University

## Master of Arts

- Lucille Smith Alexander.....Columbus  
B.S. in Ed. (West Virginia State College)  
*Field of Specialization: Education*
- Luella Knight Alexander.....Columbus  
B.A. (Colorado College)  
*Field of Specialization: Sociology*
- Richard Anthony Amorose.....Dublin  
B.Sc. in Edu.  
*Field of Specialization: Physical Education (Health Education)*
- Mary Jane Mulholland Angus.....St. Albans, W. Va.  
A.B. (West Virginia University)  
*Field of Specialization: Romance Languages (French)*
- Gerald Lee Annis.....Waverly  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Ghazi Mohamed Rifat Audeh.....Amman, Jordan  
B.Sc. (Cairo University)  
*Field of Specialization: Education*
- Robert Lee Biggs.....Martins Ferry  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Janet Knecht Black.....Delaware  
B.S. in Ed. (Otterbein College)  
*Field of Specialization: Education*
- Carl Edward Bobo, Jr.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Herman W. Brown.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Charles Allen Buffham.....Grand Rapids, Mich.  
B.Sc. in Edu., B. Mus.  
*Field of Specialization: Music*
- James Osmer Carpenter.....Lansing, Mich.  
B.A. (Michigan State University)  
*Field of Specialization: Sociology*
- Albert McLaurin Cawood.....Harlan, Ky.  
B.A. (Union College)  
*Field of Specialization: Journalism*
- Constance Karen Cline.....New Matamoras  
B.S. (Marietta College)  
*Field of Specialization: Education*



- Roberta Decker Cook.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Gail Junior Cooperrider.....Thornville  
B.S. (Capital University)  
*Field of Specialization: Education*
- Julia Colby Davison.....Granville  
B.M. (Syracuse University)  
*Field of Specialization: Psychology*
- Samuel Edward Durbin.....Columbus  
A.B. (College of Saint Charles Borromeo)  
*Field of Specialization: Education*
- George Richard Eaton.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Physical Education*
- Esteban Rafael Egea.....Barranquilla, Colombia, S. A.  
*Field of Specialization: Romance Languages (Spanish)*
- Gary Wray Ervin.....Wheelersburg  
B.S. (Rio Grande College)  
*Field of Specialization: Education*
- Donald Franklin Fought, Jr.....Oak Harbor  
B.A. (Kent State University)  
*Field of Specialization: Slavic Languages*
- Darlene Janice Freeman.....Belmont  
B.Sc. in Edu.  
*Field of Specialization: Music*
- Donald Lewis Fritz.....Reynoldsburg  
A.B. (Capital University); B.D. (Evangelical Lutheran Theological Seminary)  
*Field of Specialization: Speech*
- Mary Trabue Fuller.....Columbus  
B.Sc. in H.E.  
*Field of Specialization: Education*
- James Richard Gordon.....Rochester, N. Y.  
B.S. in Jour. (Bowling Green State University)  
*Field of Specialization: Journalism*
- Anna Beatrice Griebeling.....Lexington  
A.B. (Miami University)  
*Field of Specialization: Sociology*
- Lee Earl Grugel.....Columbus  
B.A.  
*Field of Specialization: History*
- Richard Paul Haight.....Columbus  
B.A.  
*Field of Specialization: English*

- Raymond Michael Haines.....New Carlisle  
A.B. (Hiram College)  
*Field of Specialization: English*
- James Walter Hilty.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Rose Elizabeth Houck.....Springfield  
B.Sc. in Edu.  
*Field of Specialization: Speech*
- Gary Eugene Huffman.....Manchester, Mo.  
B.S. (Southeast Missouri State Teacher's College)  
*Field of Specialization: Education*
- Betty Ruth Hursh.....Bowling Green  
B.A.  
*Field of Specialization: Romance Languages (French)*
- Floren Virgil James.....North Baltimore  
B.Sc. in Agr.  
*Field of Specialization: Agricultural Education*
- Robert William Jericho.....Lakewood  
A.B. (Baldwin-Wallace College)  
*Field of Specialization: Education*
- Mary Will Kilpatrick.....Columbus  
B.S. in Ed. (Capital University)  
*Field of Specialization: Education*
- Charles Thomas Knight.....Columbus  
B.A. (Marshall University)  
*Field of Specialization: Education*
- Thomas Orval Kraner.....Columbus  
B.Sc., B.Sc. in Edu.  
*Field of Specialization: Education*
- Judith Elaine Kreitzer.....Dayton  
B.S. (Manchester College)  
*Field of Specialization: Education*
- Hector de Asis Lavernia.....Camaguey, Cuba  
*Field of Specialization: Education*
- Mildred Huss LoPopolo.....Bayside, N. Y.  
A.B. (Queens College)  
*Field of Specialization: Psychology*
- James Allen Martin, Jr.....Montpelier  
B.F.A.  
*Field of Specialization: Art*
- Richard Eugene Mayhew.....Newark  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

- Helen Garrison McLaughlin.....New York, N. Y.  
B.A. (Swarthmore College)  
*Field of Specialization: Psychology*
- Howard Owen Merriman.....Columbus  
B.S. in Bus. (Miami University); B.Sc. in Edu.  
*Field of Specialization: Education*
- Richard Wagner Miller.....Columbus  
B.Sc. in Bus.Adm.  
*Field of Specialization: Business Organization*
- John Richard Morison.....Columbus  
B.A.  
*Field of Specialization: Speech*
- Byron Eugene Morris.....Wooster  
B.A. (College of Wooster)  
*Field of Specialization: Political Science*
- Jere Lynn Morrow.....Wellston  
B.A., B.Sc. in Edu.  
*Field of Specialization: English*
- Richard Joseph Napoli.....Marion  
B.Sc.  
*Field of Specialization: Psychology*
- Evelyn Roland Nateman.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Robert White Nick.....Fairborn  
B.B.A. (University of Mississippi)  
*Field of Specialization: Economics*
- Mary Lou Dumbauld Niple.....Columbus  
B.A.  
*Field of Specialization: Psychology*
- Charles Russell Osborne.....Waldo  
B.Sc. in Edu.  
*Field of Specialization: Education*
- William Frank Panici.....Chicago Heights, Ill.  
B.A. (Elmhurst College)  
*Field of Specialization: Romance Languages (French)*
- Linda Brown Pearce.....Worthington  
B.S. (Purdue University)  
*Field of Specialization: Psychology*
- Roger Alan Plumskey.....Johnsonburg, Pa.  
B.A. (Thiel College)  
*Field of Specialization: English*
- Helmut Herbert Riemer.....Dayton  
B.S. (University of Rochester); B.D. (Colgate Rochester Divinity School)  
*Field of Specialization: Psychology*

- Thomas Edward Rinkevich.....Grand Rapids, Mich.  
B.A. (Xavier University)  
*Field of Specialization: Classical Languages (Latin)*
- Margaret Sweitzer Rose.....Hartville  
B.S. in Edu. (Kent State University)  
*Field of Specialization: Education*
- Walter John Schrof.....Cincinnati  
A.B. (Capital University)  
*Field of Specialization: Education*
- Mary Jo McClain Seyler.....Lubbock, Tex.  
B.A. (Texas Technological College)  
*Field of Specialization: Sociology*
- Carole Anita Simpson.....Brooklyn, N. Y.  
B.S. (Brooklyn College)  
*Field of Specialization: Physical Education*
- Carol Ann Skeen.....Bellefontaine  
B.Sc. in Edu.  
*Field of Specialization: Physical Education*
- Nancy Knapp Spain.....Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*
- William Harvey Sproat.....Magnolia  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Muriel Reider Sredl.....Irvington, N. J.  
B.S. (New York University)  
*Field of Specialization: Education*
- Robin Diane Staley.....Frederick, Md.  
B.S. (University of Maryland)  
*Field of Specialization: Physical Education*
- Marcia Lynn Stevenson.....Springfield  
B.Sc. in Edu.  
*Field of Specialization: Speech*
- Michael Henry Strub.....Springfield, Va.  
B.A. (Fordham University)  
*Field of Specialization: Psychology*
- Sandra Jean Styer.....Canton  
B.S. in Edu. (Kent State University)  
*Field of Specialization: Education*
- Roberta Myers Sunbury.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Ted LeRoy Swensen.....Lebanon, Ore.  
B.S. (Oregon College of Education)  
*Field of Specialization: Education*

- Richard Salway Tuttle**.....Cincinnati  
 B.A. (Kenyon College)  
*Field of Specialization: Journalism*
- Judith Ellen McEvoy Vierow**.....Tulsa, Okla.  
 B.F.A. (University of Oklahoma)  
*Field of Specialization: Art*
- Horace S. Ward, Jr.**.....London  
 A.B. (Cedarville College) ; B.S. in Edu. (Central State College)  
*Field of Specialization: Education*
- Raymond Henry Wehner**.....Cleveland  
 B.Sc. in Bus. Adm.  
*Field of Specialization: Speech*
- Sandra Lee Wiandt**.....Coshocton  
 B.Sc. in Edu.  
*Field of Specialization: Education*
- Robert Carl Williges**.....Chattanooga, Tenn.  
 A.B. (Wittenberg University)  
*Field of Specialization: Psychology*
- Donna Marie Wolfe**.....San Francisco, Calif.  
 B.A. (Otterbein College)  
*Field of Specialization: Romance Languages (French)*
- Dan Eugene Yoder**.....Wooster  
 B.A. (College of Wooster)  
*Field of Specialization: Romance Languages (French)*  
 (Eighty-two candidates)
- Master of Business Administration**
- J. Allen Biggs, Jr.**.....Grove City  
 B.S. in I.E. (Illinois Institute of Technology)  
*Field of Specialization: Business Organization*
- Roderick Carlisle Campbell**.....Brisbane, Australia  
 B. Econ., (University of Queensland)  
*Field of Specialization: Business Organization*
- Sanford David Cohen**.....Middletown  
 B.Sc. in Bus. Adm.  
*Field of Specialization: Business Organization*
- David Albert Danielson**.....New Britain, Conn.  
 B.A. in Ed. (Marietta College)  
*Field of Specialization: Business Organization*
- David James Gojdics**.....Warren  
 B.M.E. (General Motors Institute)  
*Field of Specialization: Business Organization*
- Bruce Gordon Hawthorne**.....Lynbrook, N. Y.  
 B.S. (Marietta College)  
*Field of Specialization: Business Organization*

- James Rodney Heinrich.....Chillicothe  
B.S.M.E. (Ohio University)  
*Field of Specialization: Business Organization*
- James Edward Inman.....Lorain  
A.B. (Baldwin-Wallace College)  
*Field of Specialization: Business Organization*
- Robert Stanton Kohn.....Columbus  
B.S.M.E. (Illinois Institute of Technology)  
*Field of Specialization: Business Organization*
- Robert Loar.....Westerville  
B.Sc. in Bus. Adm.  
*Field of Specialization: Business Organization*
- Robert Gene Lynch.....West Farmington  
B.Sc. in Agr.  
*Field of Specialization: Business Organization*
- David Edward Mahanna.....Columbus  
B.I.E.  
*Field of Specialization: Business Organization*
- Robert Charles Massa.....Mansfield  
B.M.E. (General Motors Institute)  
*Field of Specialization: Business Organization*
- George Fleming Medill, III.....Toledo  
B.M.E. (Cornell University)  
*Field of Specialization: Business Organization*
- Richard Biddle Meredith.....Belpre  
B.S. (United States Naval Academy)  
*Field of Specialization: Business Organization*
- Carmine Thomas Oliva.....Irvington, N. J.  
B.A. (Seton Hall University)  
*Field of Specialization: Business Organization*
- Orel Lee Plummer.....Grayson, Ky.  
B.S. in Agr. (University of Kentucky)  
*Field of Specialization: Business Organization*
- Fredrick Elmer Portner.....Cincinnati  
B.C.E., M.Sc.  
*Field of Specialization: Business Organization*
- Errol Clark Sambuco.....Dillonvale  
B.I.E.  
*Field of Specialization: Business Organization*
- Farouk Abd El Moneim Sayed Saleh.....Cairo, Egypt  
B.Com. (Ain Shams University)  
*Field of Specialization: Business Organization*
- John Thomas Schira.....Columbus  
B.S.C.E. (Purdue University)  
*Field of Specialization: Business Organization*

- David William Schumaker.....Columbus  
 B.Sc. in Bus. Adm.  
*Field of Specialization:* Business Organization
- Donald Lee Sexton.....Portsmouth  
 B.S. (Wilmington College)  
*Field of Specialization:* Business Organization
- William John Shea.....Elyria  
 B.S. (Marietta College)  
*Field of Specialization:* Business Organization
- William Ellison Smith.....Pittsburgh, Pa.  
 B.S. in Met. E. (Lehigh University)  
*Field of Specialization:* Business Organization
- Daniel Evan Strayer.....Fairborn  
 B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Business Organization
- Thomas Michael Sullivan.....Columbus  
 B.S.M.E. (Purdue University)  
*Field of Specialization:* Business Organization
- Jack Weinberg.....Akron  
 B.Sc. in Bus. Adm.  
*Field of Specialization:* Business Organization
- Frank Siewert Wierman.....Waldo, Wis.  
 B.G.E. (University of Omaha)  
*Field of Specialization:* Business Organization
- John Heath Woodrow.....Fairborn  
 B.A.Sc. (University of Toronto)  
*Field of Specialization:* Business Organization  
 (Thirty candidates)

#### Master of Education

- Harry Howard Scofield.....Columbus  
 B.S. (Gallaudet College, Washington, D. C.)  
*Field of Specialization:* Education  
 (One candidate)

#### Master of Medical Science

- Gilbert Smolin.....Columbus  
 B.S. (Brooklyn College) ; M.D. (State University of New York)  
*Field of Specialization:* Ophthalmology  
 (One candidate)

#### Master of Music

- Eleana Paz de Aparicio.....Lima, Peru  
*Field of Specialization:* Music
- Claudia Davis Grayson.....Grove City  
 B.M. (Miami University)  
*Field of Specialization:* Music

Ellen Connie Miller.....Worthington  
 B. Mus.  
*Field of Specialization: Music*  
 (Three candidates)

**Master of Science**

Robert Shaw Allen.....Winter Park, Fla.  
 B.C.E. (University of Florida)  
*Field of Specialization: Geodetic Science*

Ronald David Allowitz.....Kettering  
 B.Sc. in Agr.  
*Field of Specialization: Botany and Plant Pathology*

David Robert Ames.....New Burlington  
 B.Sc. in Agr.  
*Field of Specialization: Animal Science*

Roberto Saman Atuan.....Tegucigalpa, Honduras  
 Ing.Civil (National University of Honduras)  
*Field of Specialization: Civil Engineering*

Robert Duane Baer.....Mansfield  
 B.S. (Wittenberg University)  
*Field of Specialization: Mathematics*

Gordon Lawrence Barnes.....Jackson, Mich.  
 B.S. (University of Michigan)  
*Field of Specialization: Geodetic Science*

Alfred Jay Baxter.....Van Wert  
 B.Sc. in Agr.  
*Field of Specialization: Agricultural Education*

Charles William Bierly, Jr.....Jersey Shore, Pa.  
 B.S. (Pennsylvania State University)  
*Field of Specialization: Engineering Mechanics*

Charles Leon Blackburn.....Columbus  
 B.S. in M.E. (University of Kentucky)  
*Field of Specialization: Engineering Mechanics*

Naomi Humm Blodgett.....Jeromesville  
 B.Sc. in H.E.  
*Field of Specialization: Home Economics*

James Veryl Braun.....Baraboo, Wis.  
 B.S. (University of Wisconsin)  
*Field of Specialization: Chemical Engineering*

James Glenn Burch.....Mt. Vernon  
 D.D.S.  
*Field of Specialization: Anatomy*



- Donald Stanley Church.....Cayce, S. C.  
B.S. (University of South Carolina)  
*Field of Specialization: Electrical Engineering*
- Mary Ellen Clay.....Freeport  
B.S. (Muskingum College)  
*Field of Specialization: Entomology*
- Gwenzora Crawford Cooke.....West Jefferson  
B.Sc. in H.E.  
*Field of Specialization: Home Economics*
- Jerry Logan Crist.....Ada  
B.S. (Ohio Northern University)  
*Field of Specialization: Chemistry*
- Joseph Jed Dale.....Garden City, Kans.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Physics*
- Dorothy Elaine Darling.....Havre, Mont.  
B.S. (Montana State College)  
*Field of Specialization: Chemistry*
- Subhan Chander Datt.....Dehra Dun, India  
B.V.Sc. (Punjab University)  
*Field of Specialization: Veterinary Surgery*
- Barbara Kay Dommert.....Baytown, Tex.  
B.S. in H.Ec. (Stephen F. Austin State College)  
*Field of Specialization: Home Economics*
- James Warren Earhart.....Columbus  
B.A.  
*Field of Specialization: Engineering Mechanics*
- Charlotte Davis Ebersole.....Dayton  
B.Sc. in Nurs.  
*Field of Specialization: Nursing*
- Erich Lee Eggers.....Milton-Freewater, Ore.  
B.S.Ch.E. (University of Colorado)  
*Field of Specialization: Chemical Engineering*
- Adel El-Sayed Ibrahim El-Habet.....Alexandria, Egypt  
B.Sc. (Alexandria University)  
*Field of Specialization: Physiological Chemistry*
- Richard Ballard Farison.....McClure  
B.Sc. in Agr.  
*Field of Specialization: Agricultural Education*
- Paul Edward Fehlau.....Cleveland Heights  
B.Sc. in Phys.  
*Field of Specialization: Physics*
- James Edward Ferrier.....Columbus  
A.B. (Indiana University)  
*Field of Specialization: Mathematics*

- Parviz Forootan-Rad.....Tehran, Iran  
 B.E. (University of Tehran)  
*Field of Specialization: Civil Engineering*
- Walter John Frank, Jr.....Elizabeth, N. J.  
 B.S. (Rutgers University)  
*Field of Specialization: Pharmacy*
- David Joe George.....Columbus  
 B.Sc. in Phar.  
*Field of Specialization: Pharmacy*
- John Joseph Giangardella.....Niles  
 B.E. in Elect. Engr. (Youngstown University)  
*Field of Specialization: Electrical Engineering*
- Donald Robert Goldberg.....Columbus  
 B.S. (Aero. Engr.) (University of Illinois)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Matthew John Golis.....Dumont, N. J.  
 B.E.E.  
*Field of Specialization: Electrical Engineering*
- Melvin McNeal Grantham, Jr.....Columbus  
 B.S.C.E. (University of Mississippi)  
*Field of Specialization: Civil Engineering*
- George William Haering.....Fairborn  
 B.S. (University of Buffalo)  
*Field of Specialization: Mechanical Engineering*
- Larry Roger Hertzog.....Mertztown, Pa.  
 B.S. in E.E. (Pennsylvania State University)  
*Field of Specialization: Electrical Engineering*
- Josephine Therese Hickey.....Cleveland  
 B.Sc. in Nurs.  
*Field of Specialization: Nursing*
- William Mack Hill II.....Parkersburg, W. Va.  
 B.S. (Wheeling College)  
*Field of Specialization: Mathematics*
- Russell Alan Hixon.....Youngstown  
 B.S. in Edu., A.B. (Wittenberg University)  
*Field of Specialization: Mathematics*
- Theodore Ralph Huter.....Columbus  
 D.D.S.  
*Field of Specialization: Dentistry*
- Vanrob Isrankura.....Bangkok, Thailand  
 B.A. Econs. (Thammasat University)  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- John DeWitt Jacob.....Columbus  
 D.D.S.  
*Field of Specialization: Dentistry*

- Lamont Terry Jacobs.....Youngstown  
 B.S. (Ohio University) ; D.D.S.  
*Field of Specialization: Dentistry*
- Eugene Lawrence Jarrett.....St. Albans, W. Va.  
 B.S.Ch.E. (West Virginia University)  
*Field of Specialization: Chemical Engineering*
- Paul Alwin Kammer.....Columbus  
 B.Met.E. (Rensselaer Polytechnic Institute)  
*Field of Specialization: Metallurgical Engineering*
- Harry Stephen King.....Dayton  
 B.S. (Stanford University)  
*Field of Specialization: Electrical Engineering*
- James Summers Knox.....Dover, Del.  
 B.S. (United States Military Academy)  
*Field of Specialization: Chemical Engineering*
- Gary Freeman Larkin.....Massillon  
 B.Sc.  
*Field of Specialization: Microbiology*
- Marklin Francis Lasker.....Jupiter, Fla.  
 B.S. in Met. Eng. (University of Alabama)  
*Field of Specialization: Metallurgical Engineering*
- James Andree Libby.....Minneapolis, Minn.  
 B.S., D.V.M. (University of Minnesota)  
*Field of Specialization: Veterinary Preventive Medicine*
- James Henry Limbird.....Milan  
 B.Sc. in Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Linda Sue Lowe.....Princeton, W. Va.  
 B.S.Ch.E. (West Virginia University)  
*Field of Specialization: Chemical Engineering*
- Kervyn Duane Mach.....Dayton  
 B.S. (South Dakota State College of Agriculture and Mechanic Arts)  
*Field of Specialization: Mechanical Engineering*
- Charles Arthur MacMillan.....Jackson  
 B.S. in Met.E. (University of Notre Dame)  
*Field of Specialization: Metallurgical Engineering*
- Sondra Lee Maksim.....Canfield  
 B.Sc.  
*Field of Specialization: Microbiology*
- Arlan Warren Mantz.....Slatington, Pa.  
 A.B. (Catawba College)  
*Field of Specialization: Physics*
- James Lee Mark.....Columbus  
 B.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*

- Allan Henry Markowitz**.....Los Angeles, Calif.  
A.B. (University of California, Los Angeles)  
*Field of Specialization: Astronomy*
- Ernest Arthur Martin**.....Worthington  
B.S. (Pennsylvania State University)  
*Field of Specialization: Industrial Engineering*
- Bruce May**.....Cincinnati  
B.Sc.  
*Field of Specialization: Zoology*
- David Warren McAnaney**.....Wooster  
B.C.E.  
*Field of Specialization: Civil Engineering*
- Lee Errett McDonald**.....Glouster  
A.B. (Ohio University); D.D.S.  
*Field of Specialization: Dentistry*
- John Henry Miller**.....Newark  
B.Ch.E. (University of Dayton)  
*Field of Specialization: Chemical Engineering*
- Paul Richard Miller**.....East Orange, N. J.  
B.S.E.E. (University of Detroit)  
*Field of Specialization: Electrical Engineering*
- Robert Kittredge Mitchell**.....Columbus  
Mech.Engr. (University of Cincinnati)  
*Field of Specialization: Mechanical Engineering*
- David Howard Murray**.....Whiterocks, Utah  
B.Sc. in Agr.; D.D.S. (Washington University)  
*Field of Specialization: Dentistry*
- Helen Cynthia Nicholson**.....Pleasant City  
B.S. (Ohio University)  
*Field of Specialization: Home Economics*
- Edwin Herman Otte**.....Defiance  
B.Sc. in Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- JoAnn Ellen Pikal**.....Lima  
B.Sc. in Agr.  
*Field of Specialization: Animal Science*
- Allen Judson Pope**.....Olla, La.  
B.S. (Louisiana State University)  
*Field of Specialization: Geodetic Science*
- Anand Prakash**.....Tapi Baon, Jodhpur India  
B.V.Sc. and A.H. (University of Rajasthan)  
*Field of Specialization: Animal Science*
- Hans Dieter Preuss**.....Munich, Germany  
B.Sc.  
*Field of Specialization: Geodetic Science*

- Stephan Donald Price**.....Sepulveda, Calif.  
A.B. (University of California, Los Angeles)  
*Field of Specialization: Astronomy*
- Patricia Ann Ralicki**.....Pittsburgh, Pa.  
B.A. (Saint Mary's College)  
*Field of Specialization: Mathematics*
- Everett Harding Ramey**.....Columbus  
B.S.C.E. (Indiana Technical College)  
*Field of Specialization: Geodetic Science*
- Andrew George Repjar**.....Medina  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- James Franklin Rhodes**.....Cleveland  
B. Chem. E. (University of Detroit)  
*Field of Specialization: Ceramic Engineering*
- Thomas Alan Rudy**.....Columbus  
B.Sc. in Phar.  
*Field of Specialization: Pharmacy*
- Djoko Walijatun Sastroedirdjo**.....Magelang, Indonesia  
B.Sc. (Universitas Gadjah Mada)  
*Field of Specialization: Geodetic Science*
- Theodore Joseph Schoenbeck**.....Cleveland  
B.Sc. in Phys.  
*Field of Specialization: Physics*
- Gerald Irwin Shapiro**.....Columbus  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- Richard Lee Shew**.....Massillon  
B.Sc. in Agr.  
*Field of Specialization: Zoology*
- Howard Russell Showalter**.....Belmont  
B.Sc. in Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- James David Sipes**.....Galion  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- Dean Sutherland Skelley**.....Melrose, Mass.  
B.S. (Bates College)  
*Field of Specialization: Physiology*
- John Thomas Skinner**.....Columbus  
B.A., D.D.S.  
*Field of Specialization: Dentistry*
- Clarence Mitchell Smith**.....Columbus  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

- James Loring Smith.....Columbus  
 B.Sc. in Phys.  
*Field of Specialization: Mechanical Engineering*
- Judith Ann Smith.....Zanesville  
 B.Sc.  
*Field of Specialization: Mathematics*
- Mary Louise Ehnott Soffa.....West Mifflin, Pa.  
 B.S. (University of Pittsburgh)  
*Field of Specialization: Mathematics*
- Dean David Sommers.....Walled Lake, Mich.  
 B.S. (Huntington College, Indiana)  
*Field of Specialization: Mathematics*
- William Joseph Spain.....Columbus  
 B.Sc. in Food Tech.  
*Field of Specialization: Horticulture*
- Rodney Dean Spohn.....Somerset  
 B.Sc. in Agr.  
*Field of Specialization: Agricultural Education*
- Leonard Paul Sternbach.....Brooklyn, N. Y.  
 A.B. (Brooklyn College)  
*Field of Specialization: Mathematics*
- Daniel Richard Sukis.....Laurel Springs, N. J.  
 B.A. (LaSalle College, Pennsylvania)  
*Field of Specialization: Physics*
- Robert John Svec.....Avon  
 B.Sc. in Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Russell Hammond Thackery.....Columbus  
 B.S. (Florida Southern University)  
*Field of Specialization: Horticulture*
- Pamela Jane Thorp.....Columbus  
 B.A.  
*Field of Specialization: Microbiology*
- Frederick James Tomazic.....Lorain  
 B.Sc. in Phys.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- George Raymond Unrine, Jr.....Cincinnati  
 B.S. (University of Cincinnati)  
*Field of Specialization: Physics*
- Peter Watson Vanevenhoven.....Menasha, Wis.  
 B.S. (University of Wisconsin)  
*Field of Specialization: Pharmacy*
- Chatur Bhuj Vyas.....Bikaner, India  
 Vet.Surg. (Bombay Veterinary College)  
*Field of Specialization: Veterinary Preventive Medicine*

- Vernon Lawrence Watkins**.....Brigham City, Utah  
 D.D.S. (Marquette University)  
*Field of Specialization: Dentistry*
- Edward Joseph Webster**.....Columbus  
 B.Sc. in Edu.  
*Field of Specialization: Zoology*
- John Potee Whitney**.....West Mansfield  
 B.Sc. in Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Charles Dudley Whyte**.....Far Rockaway, N. Y.  
 B.S. (Prairie View Agricultural and Mechanical College of Texas)  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Jon Loel Williams**.....Athens  
 B.S. (Ohio University)  
*Field of Specialization: Entomology*
- David Hays Wilson**.....Negley  
 B.Sc. in Phys.  
*Field of Specialization: Physics*
- David Lester Zartman**.....Albuquerque, N. Mex  
 B.S. in Agr. (New Mexico State University)  
*Field of Specialization: Dairy Science*  
 (One hundred and nine candidates)
- Master of Social Work**
- Gardner Robert Whitcomb**.....Falls Church, Va.  
 B.S. (Springfield College, Massachusetts)  
*Field of Specialization: Social Work*  
 (One candidate)

## Candidates for Two Degrees

Jacquelyn Therese Beshinski.....Cleveland  
Bachelor of Arts  
Bachelor of Science in Education

Carol Ann Birch.....Canton  
Bachelor of Arts  
Bachelor of Science in Education

Heidemarie Bettina Gebel.....Dayton  
Bachelor of Arts  
Bachelor of Science in Education

Robert Watt McAllister III.....Zanesville  
Bachelor of Science in Education  
Bachelor of Music

John George Paleudis.....Barnesville  
Bachelor of Arts  
Bachelor of Science in Education

(Five candidates)



# College of Agriculture and Home Economics

Dean: Roy M. Kottman

## Bachelor of Science in Agricultural Biochemistry

John Mark Hatheway.....Massillon  
Arthur Edward Yates.....Elyria

(Two candidates)

## Bachelor of Science in Agriculture

Gary Walter Bauer.....Norwalk  
Charles Hamilton Bell.....Frazeyburg  
Bernard Edwin Budd.....Ashtabula  
Terry Edwin Crall.....Bucyrus  
Howard Kenneth Crum.....Marion  
David Michael Dennis.....Columbus  
James Joseph Dickey.....Fairview Park  
Roger Wayne Durkee.....Mentor  
Robert Paul Espenschied.....New Philadelphia  
James Lewis Frazier.....Seville  
Dan Edward Garver.....Lakeville  
Paul Frank Greenlee.....Bridgeport  
George Randall Harker.....Cleveland  
Roger Glen Humphreys.....Blanchester  
Dale Marion Johnson.....Frazeyburg  
John Arthur Kefuss.....Canton  
Allan Lloyd Kestner.....West Salem  
Robert Patrick Kirwin, Jr.....Columbus  
Daun Clyde Lawson.....Carrollton  
Larry Eugene Layman.....Marysville  
Raymond Eugene Mase.....Bolivar  
Don Raymond Mason.....Walhonding  
Dean Errol Miller.....Milan  
Kenneth Eugene Milligan.....Grove City  
Ned Marvin Musselman.....Circleville  
William Thomas Nicholson.....Cambridge  
Roger Walters Pond.....St. Paris  
David Lynn Prentiss.....Napoleon  
Gilbert Reid Prinkey.....West Salem  
Earnest Gilbert Roll, Jr.....Greenfield  
Norman Roskin.....Miami, Fla.  
Charles Russell Rowles.....Willoughby  
Thomas A. Ruehr.....Ravenna  
Charles Jay Schaefer.....Monroeville  
Raymond Lawrence Shaw.....Lancaster  
Greg Engel Shawber.....Galion  
Kenneth Eugene Stitzlein.....Ashland  
Robert Jerome Stoll, Jr.....Sandusky  
Paul Clement Sunderhaus.....Cincinnati  
John Allison Trimmer.....Trotwood  
Daniel Williard Wolboldt.....Canfield  
Edward Karl Zolinski.....Sandusky

(Forty-two candidates)

### **Bachelor of Science in Dairy Technology**

Larry Gail Haynam.....	East Canton
Kenneth Bruce Miller.....	Cincinnati
Earl Warren Nelson.....	Cadiz
Daniel Paul Soehnen.....	Canton

(Four candidates)

### *School of Home Economics*

#### **Bachelor of Science in Home Economics**

Susan TenBroeck Barr.....	Camden, Mich.
Barbara Ann Billman.....	Grove City
Sharon Frances Byrne.....	Mentor
Sandra Sue Cammack.....	Wilmington
Grace Ruth Dean.....	Ashley
Michele Ann Griffith (cum laude).....	New Concord
Gail Hasselbach Henderson.....	Fremont
Eileen Charlotte Karg.....	Nevada
Linda Jorgensen Lowe.....	Columbus
Kathleen Suter Mast.....	Perrysburg
Charlotte Mary McCarthy.....	Columbus
Suzanne Elizabeth Morris.....	Newark
Susan Jane Mueller.....	Columbus
Susan Hess Pittner.....	Columbus
Carol Rowland Walton.....	Sedan, Kans.

(Fifteen candidates)

#### **Bachelor of Science in Restaurant Management**

Virginia Ann Dennis.....	Lyndhurst
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(One candidate)

# College of Arts and Sciences

Dean: J. Osborn Fuller

## Bachelor of Arts

Benjamin Roberts Ahner.....	Rochester, N. Y.
Lenore Caudill Azok.....	Lorain
Stephen Douglas Bell.....	Columbus
*Jacquelyn Therese Beshinski.....	Cleveland
Allen Burton Binckley.....	Newark
*Carol Ann Birch.....	Canton
John Morton Bobb III.....	Columbus
Joan Marie Borchardt.....	Akron
Kenneth Bradley Bordwell.....	Kettering
Myer Jey Bornstein.....	Columbus
William David Brewer.....	Cleveland
David Howard Brown.....	Parkersburg, W. Va.
James Thomas Buccieri.....	Cleveland
Howard Vincent Burman.....	Great Neck, N. Y.
John Raymond Butz.....	Eaton
Anthony Joseph Cerreta.....	New Rochelle, N. Y.
James Robert Cromwell.....	Columbus
Richard Herbert Dailey.....	Dayton
Harriet Golda Davidorf.....	Columbus
Linda Moore Davis.....	Worthington
B. Patrick DePasquale.....	Wethersfield, Conn.
Deborah Foust Dryden.....	Dayton
Sandra Jane Duncan.....	Dayton
Evelyn Toby Emmer.....	Cleveland
Dale Arthur Faulk.....	Northfield
Jane Chilcote Faust.....	Lancaster
Susan Marie Foeller.....	Worthington
Joy Ann Fox.....	Cleveland
*Heidemarie Bettina Gebel.....	Dayton
Richard Vernon Gibson.....	Cincinnati
Roderick David Goman (cum laude).....	Columbus
Kenneth Janke Green.....	LaGrange Park, Ill.
Nyjola Stella Grybauskas.....	Eastlake
James B. Hall.....	Urbana
David Weldon Hammond.....	Findlay
Vicki Rea Holtzapple.....	Lima
Richard Lee Hoover.....	Thurman
James Arize Howell.....	Akron
Eric William Huber.....	Elyria
Fred James Humphrey.....	Cincinnati
Lowell Leonard Huprich.....	Baltic
Derek Edward Hutchinson.....	Akron
Jacqueline Anne Jeffery.....	Vermilion
Judith Anne Johnson.....	Columbus
Neringa Barbara Karalius.....	Cleveland Heights
Marilyn McMann Kramer.....	Wintersville
Peter Nathaniel Krantz.....	New York, N. Y.
Robert Belden Kuhn III.....	Fairborn
Roy Eugene Landrum.....	Fairborn

\* Two degrees

Garey Lee Laube.....	Stamford, Conn.
Emily Ann Laws (summa cum laude and with Distinction in Geology)	Carroll
James Griffith Lindsay.....	Dayton
Thomas Otto Manken.....	Columbus
Judith Edmondson Martin.....	Vermilion
William Olson Martin.....	Newark
Barbara Lee Mathless.....	Columbus
Marietta Maxwell.....	Columbus
Ronald Richard McComb.....	Thornville
George Michael Merrick.....	Steubenville
Roy Alan Mimna.....	Hubbard
Sandra Jean Minnick.....	Columbus
Noëlle Joan Morris.....	Columbus
Thomas Patrick Morrison.....	Newark
Charles Kanter Murray.....	Rocky River
Ernest Lee Neer.....	Mechanicsburg
Linda Jane Newman (cum laude).....	Shaker Heights
Richard Alfred Nitsche.....	Avon
Michael Stuart Nolan.....	North Canton
Ronald Martin Paige.....	Cleveland Heights
*John George Paleudis.....	Barnesville
David Eldon Palmatier.....	Medina
Tom Alan Payne.....	Cleveland
Anthony Pinter.....	Cleveland
Ellen Teresa Pollard.....	Akron
Mary Atkeson Powell.....	Columbus
Frederick William Preston.....	Toledo
Richard Bruce Prior.....	Leetonia
Nancy Lee Pumphrey.....	Mt. Vernon
Andris Purs.....	Cleveland
Patrick Leo Rankin.....	Columbus
Susan K. Rasor.....	Arlington, Va.
Jerry Clay Rector.....	Springfield
Preston Alden Reed.....	Akron
Tim Arthur Richardson.....	Sugar Creek
Darra D. Romick.....	North Canton
Kenneth Charles Ryan.....	Columbus
Nicholas Andrew Ryerson (cum laude).....	Grove City
Robert James Saxton.....	Bellefontaine
Kenneth Lee Schriber.....	Dayton
Allen Jay Sherrow.....	Cleveland
Ruby Yvette Simpson.....	Lake City, Fla.
Howard Lawrence Skolnik.....	Cleveland
Kathryn Hammond Smith.....	Cambridge
William Henry Snider.....	Pickerington
Marilyn Irene Snyder.....	Cuyahoga Falls
Joan Angela Stueve.....	Cincinnati
Steven Thomas Syfert.....	Paoli, Pa.
Raymond Henry Trout.....	Tipp City
Darrel Craig Umbaugh.....	Lima
Kathleen Mae Von Eschen.....	Columbus
Bryan Treat Walton.....	Terrace Park
Anne Sauvage Weaver.....	Dayton
Kenneth Phillip Weber, Jr.....	Parma
James Newcomb Westwater.....	Columbus

\* Two degrees

Curtis Reed Whiteamire (cum laude)	Caledonia
John Stanley Wilder	Niles
Jane Ann Williams	Adena
Marsha Jean Wren	Bellefontaine
William Lee Zuber	Columbus
Rita Marie Zucco	Silver Lake

(One hundred and ten candidates)

## Bachelor of Science

Jenni Lee Baker	Urbana
Karl Roy Barnhardt	Lima
William Henry Beggs	Columbus
Bruce Eldon Bennett	Columbus
Walter Richard Boehmer	Columbus
Ronald John Boyers	Columbus
John Francis Breznock	Fairview Park
Stephen Meredith Buck	Lexington
William Daniel Campbell	Toronto
Dominic Anthony Cataldo	Cleveland
William Jasper Crane	Loveland
Robert Charles DeWitt	Columbus
Leonard Leroy Eblin, Jr.	Circleville
Karen Hill Edmiston	Akron
Randall Gregory Fry	Columbus
David Dezzo Funk	Columbus
James Pickering Hart	Kettering
George Ben Hrabec	Cleveland
Robert John Jevic	Cleveland
Robert Craig Johnson, Jr.	Cincinnati
David Allen Katonak	Painesville
Rita Ann Keefer (cum laude)	Grove City
Robert Michael Koehler	Springfield
James Kenneth Long, Jr.	Columbus
Michael Anthony Lorenz	Urbana
Lucy Ann McEvans	Detroit, Mich.
Donald Joseph Melnykevich	Perth Amboy, N. J.
Roger Lee Moody	Columbus
Lynne Marie Musgrave (cum laude and with Distinction in Zoology)	Columbus
Lyle Edward Nowicki	Dayton
Thomas Frank Nyros	Clarkson, Ont., Canada
John Rex Oliver	Indianapolis, Ind.
Lydia Ruth Oursler	Columbus
Lawrence Lionel Pollak	South Euclid
Thomas Jay Pollock	Columbus
Robert Charles Reynolds	Sioux Falls, S. Dak.
Dale Lester Schaffner	Canton
Patricia Lee Schlesinger	Seattle, Wash.
Karl Joseph Schreiber	Fairview Park
Michael Alan Schwartz	University Heights
Ann Judith Seff (cum laude)	Columbus
Charles Lanier Shaffer (cum laude)	Columbus
Mary Irene Smith	Cleveland
Trevor Louis Stanwick	Cadiz

Melvin Stone.....	Cleveland Heights
Joseph Henry Tarnopol.....	Brackenridge, Pa.
David William Throckmorton.....	Columbus
Wayne Allen Urban.....	Dyess AFB, Tex.
Glady Paul Wiegand.....	Mansfield
Kathleen Ruth Wilber.....	Euclid
James Douglas Wilson.....	Amherst
John Nance Wilson.....	Columbus
Duane William Witzke.....	Akron
Gary Oakley Zerbe.....	Canton

(Fifty-four candidates)

### **Bachelor of Science in Medical Technology**

Sandra Ann Barrett.....	Springfield
Mary Motts Bauer.....	Louisville
Judith Mason Duerr.....	Canton
Barbara Jean Hines (cum laude).....	New York, N. Y.
Bernice Safier Weinberg.....	Youngstown

(Five candidates)

## *School of Journalism*

### **Bachelor of Arts**

William Sawyer Cramer.....	Tipp City
Richard Dunne Rowley.....	Ashtabula
Barry Phillip Shiller.....	South Euclid
Paul William Yalovac.....	Barberton

(Four candidates)

# College of Commerce and Administration

Dean: James R. McCoy

## Bachelor of Science in Business Administration

Robert Paul Abel II.....	Barberton
William Oliver Anderson.....	Columbus
Randall Douglas Aylesworth.....	Worthington
Robert Barrow.....	Marion
Remsen Henry Beitel, Jr.....	Farmingdale, N. Y.
Bradley Jackson Bendure.....	Ft. Wayne, Ind.
Jo Ann Bican.....	Parma
John Robert Blair.....	Columbus
Edward Charles Boehm, Jr.....	Columbus
Daniel Lee Boone.....	Columbus
Chester Ealen Brewer, Jr.....	Hamilton
Cecil B. Brown.....	Los Angeles, Calif.
Robert Sheets Bussom.....	Shelby
George Breyer Calvert, Jr.....	Columbus
Robert Louis Casterline.....	Columbus
Donald Regis Chadwick.....	Conneaut
Robert Lee Chambers.....	Columbus
Thomas Milton Covert.....	Chagrin Falls
David Alan Crist.....	Cleveland
Robert Edwin Dennis.....	Dayton
Raymond Edwards Doyle.....	Euclid
Rudolph Drabick.....	Canton
John Kerr Duff.....	Belle Center
Delbert Charles Dunn.....	Gahanna
David Allan Easterman.....	Canton
Ronal Ernest Essary.....	New Carlisle
Mary Martha Evans.....	Tipp City
David John Fahrenbach.....	Columbus
Neil Anthony Franchino.....	Basking Ridge, N. J.
Waldemar John Geiger.....	Cleveland
Mahmoud Taher Giaber.....	Tripoli, Libya
John Philip Gunther, Jr.....	Newark
Vincent Anthony Hand.....	Covington
Donald Franklin Hyer.....	Greenfield
David Robert Jennings.....	Steubenville
Robert Lee Jones.....	Columbus
James Lynn Keevert.....	Woodsfield
Thomas Lee Keysor.....	Sidney
Gerald Stephen Kundla.....	Aliquippa, Pa.
George William Latshaw.....	Columbus
Martin Bruce Leff.....	Pennsauken, N. J.
Frank Thomas Lehman.....	Columbus
Roger Allen Lemmon.....	Columbus
John Letvin III.....	Tallmadge
David Edward Lintzenich.....	Columbus
Lanny Leon Littell.....	Richwood
Robert Dean Love.....	Dublin
Wells Byon Lyman.....	Lakewood
Timothy Page Maurice.....	Toledo
Theodore John Mazza.....	Columbus

James Lowell Moore.....	Fostoria
Robert Cashmore Morris.....	Pataskala
James Bailey Nuzum.....	Worthington
William Broster O'Donnell.....	Kettering
Daniel John Opfer.....	Lorain
Patrick Joseph O'Reilly.....	Columbus
John David Petty.....	Columbus
Augustine Thomas Piner, Jr.....	Morehead, N. C.
Roger Willis Reese.....	Jamestown
Robert Arthur Schieferstein.....	Amherst
John Holland Schurman.....	Huntington, W. Va.
Larry Clayton Shaw.....	Columbus
Donald Eugene Shults.....	Marion
Arthur Joel Siegel.....	Red Bank, N. J.
Charles Arthur Smith.....	Columbus
Jack Dennis Spencer.....	Dayton
Leonard Sigfrid Stahlgren, Jr.....	Cincinnati
William Howard Stauffer.....	Ashtabula
Andrew Fielding Steinman.....	Worthington
Bruce Alexander Stephen.....	Worthington
Robert Hugh Stewart.....	Van Wert
David Ray Strunk.....	Dayton
Robert Paul Svets.....	Cleveland
James Edward Szablewski.....	Cleveland
Eugene Frank Tunila.....	Columbus
William Snively Unverzagt.....	Pittsburgh, Pa.
Richard William Van Raaphorst.....	Ligonier, Pa.
Grant Lee Wadsworth.....	Dayton
Robert David Wall.....	Englewood
Ralph Gordon Walls.....	Columbus
Douglas Ernest Warns.....	Walbridge
Robert Arthur Warren.....	North Hampton
James Noel Weider.....	Hicksville
Robert William Wellbaum, Jr.....	Lima
Philip Ray Williamson.....	Columbus
Robert Anthony Winkel.....	Columbus
Stephen Philip Wood.....	Ironton

(Eighty-seven candidates)

## *School of Social Work*

### **Bachelor of Science in Social Welfare**

Gail Elizabeth Becher.....	Columbus
Jon Malcolm Bell.....	Massillon
Susan Marie Cain.....	Leipsic
James Douglas Claggett.....	Newark
Sue Ellen Depner.....	Rocky River
Terry Douglas Etling.....	Marshallville
Mark Irwin Haas.....	Cleveland
Dorothy Hart Lenart.....	Columbus
Douglas George Mann.....	Reynoldsburg
Ruth Anne Marquart.....	Reynoldsburg
Dorothy Carter Purviance.....	Columbus
Warner Pike Simpson.....	Columbus



Betsy Ann Thomas.....New Concord  
Marcia A. Ulrich.....Middletown  
Marjorie Holycross Zima.....Dayton

(Fifteen candidates)

# College of Education

Dean: Donald P. Cottrell

## Bachelor of Science in Education

William Frederick Agee.....	Lindsey
Patricia Blum Alden.....	Galion
Frances DeVore Alves.....	Solon
Judith Kathryn Arbogast.....	Mt. Sterling
Ann Dush Arndt.....	Wooster
Susan Burd Axelrod.....	Dayton
John Edward Aylard.....	Columbus
Larry Eugene Ball.....	West Jefferson
Curtis Grant Balser.....	Newark
Orlando Tyrone Barnett.....	Orrville
Ruth Alice Beaumont.....	Farmington, Mich.
Joetta Henderson Beaver.....	Columbus
Michael Bruce Beery.....	Columbus
Nancy Lee Irwin Berg.....	Dayton
Eileen Diane Berger.....	Lorain
David Leo Berry.....	Lucas
Patricia Ann Berry.....	Monroe
Kathleen Ann Bertram.....	Cincinnati
*Jacquelyn Therese Beshinski.....	Cleveland
Judith Kathryn Bettinger.....	Berkey
Caren Wirth Bieber.....	New York, N. Y.
*Carol Ann Birch.....	Canton
Joyce Amstutz Blair.....	Wadsworth
Sally Ann Blalock (summa cum laude).....	Urbana
Susanne Barnard Blankenship.....	Columbus
Paul Ervin Borntrager.....	Columbus
Gary Lee Bradds.....	Jamestown
Cora Sue Hagans Brockett.....	Urbana
Bill Arnold Brown.....	Utica
Virgie Tate Brown.....	Columbus
Edward Arnold Buck.....	Columbus
Lee Anthony Buddendeck, B.A.....	Dayton
Bonnie Anne Burtnett.....	Columbus
Lorraine Hope Butler.....	Columbus
Robert Wesley Butts.....	Cadiz
Richard Lee Canary, A.B. (Denison University) (cum laude).....	Columbus
Patricia Dupler Caple.....	Lancaster
Joan Palay Carr.....	Cleveland
Marie Eileen Chamberlin.....	Midland
Janet Lea Chandler.....	Galion
Rodney Joseph Charlton.....	Uhrichsville
Amy McKendry Clark.....	Lakewood
Dan Olin Clark.....	Columbus
Marilyn Harris Clinger.....	Columbus
Carolyn Sue Coburn (cum laude).....	Lima
Patricia Ann Cocumelli.....	Steubenville
Nancy Jane Collins.....	Dayton
Peter Jay Cottrell.....	Columbus
James Corwin Craig, B.Sc.....	Belpre

\* Two degrees

Frederick Thoburn Daniel.....	Hilliard
George Anthony Denino.....	Youngstown
Nancy Ann Detwiler.....	Bellefontaine
Kathleen Marie Dolan.....	Sandusky
Donna Delfino Dominico.....	Lorain
Laurel Siefert Doran.....	Granville
John Joseph Durant.....	Columbus
Anita Mandel Eisernoff.....	Cleveland
Janet Carol Endicott.....	Columbus
Michael Merritt Engle.....	Lima
Judy Ann Enterline.....	Fairborn
Susan Diane Everett, B.A.....	Mt. Vernon
Amy Fallenberg.....	Cleveland Heights
Marilyn Jane Fedderke.....	Defiance
Susan Jean Ferguson.....	Shelby
Doreen Messenger Fish, A.B. in Th. (Gordon College, Massachusetts).....	Columbus
Marilyn Kay Fish (cum laude).....	Columbus
Mary Bonita Fontana, B.A.....	Columbus
Marcia Ann Fortman.....	Ottawa
Nancy Suzanne Friedman.....	South Euclid
Virginia Galloway (cum laude).....	Montclair, N. J.
Ruth Ann Gant.....	Morrow
Judith Fox Gaumer.....	Columbus
*Heidemarie Bettina Gebel.....	Dayton
Norman Delos Gillmore.....	Columbus
Judith Wisz Goodman.....	Tiffin
Melissa Jeanne Greenawald.....	Columbus
Laura Blanche Gross.....	Cleveland
Leslie Gressel Haas.....	Cleveland Heights
Gary Joseph Hansley.....	Cleveland
Jane Schieber Hart.....	Bucyrus
Kathleen James Hartman (cum laude).....	Mercer Island, Wash.
Kathryn Norine Harvey.....	Clarksville
Elizabeth Van Horn Haupt.....	Columbus
Dawn Reinhard Heikkila.....	Bucyrus
Carol Lee Henshaw.....	Loveland
Ruth Crawford Herring.....	Columbus
Geoffrey Lee Hockman.....	Canal Winchester
Janice Elaine Hoover.....	Antwerp
Alice Ione Horne.....	Dayton
Rosanna Joyce Hurley.....	Bellefontaine
Carol Ann Husum.....	Toledo
Vernon Dennis Hysell.....	Columbus
Margaret Shannon Hyslop.....	St. Clairsville
Gail Virginia Iglauder.....	Cincinnati
Annette Agnes Jones.....	Bay Village
Sally Jean Jones, A.B. (Marietta College).....	Mt. Vernon
Michael Sutherland Karash.....	Wickliffe
Gerald Katahara.....	Kapaa, Hawaii
Vicki Sue Kelley.....	Chillicothe
Joan Marie Kelly.....	Ironton
Bruce Nassiri Kermane.....	Cincinnati
Heather Jewell Kibbey.....	Columbus
Kathleen Kaye Kirk.....	Wooster
Charles Marion Knedler, Jr.....	Clarksville

\* Two degrees

Helen Ruth Koehler.....	Waldwick, N. J.
William Edwin Kohut.....	Youngstown
Sandra Dale Kolls.....	Newark
Phyllis Jean Kondrich.....	Lakewood
Beverlee Byler Kulwin, B.Sc. in Bus. Adm.....	West Liberty
Andrea Lyn Kurlanskik.....	Cleveland Heights
Barbara Knoch Laird.....	Westerville
James Edward Lamb.....	Columbus
Elizabeth Joan Lane.....	Dayton
Marcia Conner Larson.....	Newark
Cheryl Faye Laughlin.....	Columbus
Margaret Suzanne Layman.....	Columbus
Karen Kingseed Leber.....	Sandusky
Kenneth Albert Lee.....	Columbus
JoAnn Palma Litterini.....	Coraopolis, Pa.
Rita Lynn Luchesi.....	Mansfield
Timothy Vincent Luckhaupt.....	Columbus
Donald Leo Mains, Jr.....	Columbus
Marilyn Joy Mandle.....	University Heights
John Samuel Mason.....	Spencerville
Darlene Elsie Matthews.....	Galena
*Robert Watt McAllister III.....	Zanesville
Kathleen McDaniel.....	Columbus
Ann Elizabeth McDonald.....	Columbus
William Denver McGhee.....	Columbus
Sharron Pernice McKinney.....	Pataskala
Sharon Billhimer McMillen.....	Troy
Pamela Mullady Meacham.....	Lima
Kristine Kildow Miller.....	Roseville
George Edgar Mitchell.....	Troy
Benjamin Alan Mobley.....	Montclair, N. J.
Howard Herbert Moon, Jr.....	Columbus
Sarah Jane Moore, B.A. (cum laude).....	Wooster
Betty Eastlick Morton (summa cum laude).....	Dayton
Richard Nauman.....	Fredericktown
Michael Monroe Neal.....	Columbus
Sharon Kay Nelson.....	Cadiz
Gail McAllister Nunn.....	Columbus
Rosalyn Nyer.....	Cleveland
Betty Jean Palcheff.....	Akron
*John George Paleudis.....	Barnesville
Richard Carl Paullin.....	Mansfield
Phillip Eugene Paxton.....	Bellefontaine
Donald Pengov.....	Chesterland
Carrie Louise Perkins.....	Bryan
Nancy Irwin Pertcheck.....	Columbus
Karen Lucile Peters.....	Archbold
Mara Petritis (cum laude).....	Defiance
Wendell Don Pinson.....	Columbus
Marsha Gordon Platnick.....	Columbus
Roger Omar Pond.....	Scott
Edward Joseph Quickert.....	Columbus
Robyn Anne Radow.....	Kettering
Sandra Lee Ramsey.....	Dayton
Robert William Rasner.....	Cleveland
Ola Ratochka.....	Parma

\* Two degrees

Willard Odell Reed.....	Caledonia
Cheryl Ridenour.....	Coalwood, W. Va.
Judith Ellen Robertson.....	Roslyn Heights, N. Y.
Doris Thompson Rothwell.....	Grove City
William Edward Roweton.....	Dayton
Toni Welsch Rupright.....	Marysville
Nancy Rose Samson.....	Columbus
Jean Olson Sayle.....	South Euclid
Carole Ann Schmid.....	Westlake
Joanne Selman.....	Charleston, W. Va.
Thomas Warren Seslar.....	Antwerp
Rosalie Levenstein Sherwin.....	Chester, Pa.
Barbara Anne Short.....	Anna
Michelle Ann Siegel.....	Cleveland Heights
Gregg P. Skall.....	University Heights
Beverly Rose Smith.....	Columbus
Diane Foster Smith.....	Granville
Cynthia Learose Spikell.....	East Cleveland
Jill Suzanne Spitler.....	Wooster
Bernie David Stanley.....	Proctorville
Sue Ann Powell Stewart.....	Rawson
Larry David St. John.....	Shelby
Ronald Alexander Strussion.....	Bellaire
Jeffrey Alan Stuckman.....	Bucyrus
Janet Rohloff Thomas.....	Graytown
Christian William Tieman, Jr.....	Cincinnati
Patricia Ann Trigg.....	Columbus
Penelope Diane Van der Putten.....	Columbus
John Joseph Van Hoose.....	Columbus
John See Van Hoose.....	Mechanicsburg
Gwen Evelyn Wanamaker.....	Youngstown
Robert Paul Wengerter.....	Columbus
Evelyn May Wherry.....	Cincinnati
Robert Carr Wortman.....	Cincinnati
Penelope Jo Yocom.....	Middletown
Irwin Harvey Young.....	Cleveland Heights
Louise Diane Young, B.A.....	New Rochelle, N. Y.

(One hundred and ninety-seven candidates)

### **Bachelor of Fine Arts**

Mary Meanor Naef.....	Bryn Mawr, Pa.
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(One candidate)

### **Bachelor of Music**

*Robert Watt McAllister III.....	Zanesville
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(One candidate)

\* Two degrees

# College of Engineering

*Dean: Harold A. Bolz*

## Bachelor of Aeronautical and Astronautical Engineering

Gerald Henry Reichley.....Thornville  
(One candidate)

## Bachelor of Agricultural Engineering

Gerald Robert Baughman.....Carey  
(One candidate)

## Bachelor of Ceramic Engineering

William Henry Kiehmeyer.....Columbus  
(One candidate)

## Bachelor of Chemical Engineering

James Owen Nye (cum laude).....Columbus  
(One candidate)

## Bachelor of Civil Engineering

Richard Francis Davidson (cum laude).....West Richfield  
Barton William Fenton.....Bellevue  
Paul Edgar Hoffman, Jr.....Richwood  
John Francis Kenefick.....Binghamton, N. Y.  
Robert James Roe.....Canton  
(Five candidates)

## Bachelor of Electrical Engineering

David Robert Bratton.....Columbus  
Neil Lester Carlson.....Rocky River  
Marshall Douglas Clanin.....Columbus  
Larry John McMillan.....Coldwater  
Terry Lee Oliver.....Versailles  
Roger Allen Salyer.....Columbus  
John Melvin Saurer.....Massillon  
John Szeto.....Lorain  
H. Gary Vandemark.....Bay Village  
Lonnie Allan Watson.....Alliance  
David Chi-Fong Wu.....E. Brunswick, N. J.  
Donald Welton Yauch.....Middletown  
(Twelve candidates)

## Bachelor of Industrial Engineering

Charles William Brandstetter.....Canton  
Jerry Lee Clayton.....Columbus  
Edward Charles Dryer.....Columbus  
Jerry Lee Frey.....Dayton

Franklin Jones Godbey.....	Columbus
Joel Barry Haynes.....	Cincinnati
Hadley Dean Jewell.....	Wooster
David Craig Martin.....	Hamilton
David Zoltan Zander.....	Canton

(Nine candidates)

#### **Bachelor of Mechanical Engineering**

Richard Bernard Affeldt.....	Cleveland
Robert Louis Britton.....	Dayton
John Herman Michener.....	Columbus
Walter Frank Opdenbrouw.....	Poughkeepsie, N. Y.

(Four candidates)

#### **Bachelor of Metallurgical Engineering**

Daniel Ray Shirey.....	Columbus
Richard Leroy Ward.....	Wakeman

(Two candidates)

#### **Bachelor of Engineering in Mining**

Stanley Earl McFarland.....	Newton Falls
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(One candidate)

#### **Bachelor of Science in Physics**

Henry Lewis LaMuth.....	Painesville
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(One candidate)

#### **Bachelor of Welding Engineering**

Willam Anthony Svekric.....	Euclid
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(One candidate)

### *School of Architecture and Landscape Architecture*

#### **Bachelor of Architecture**

David Frederick Haines.....	Coraopolis, Pa.
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(One candidate)

## **College of Medicine**

*Dean: Richard L. Meiling*

### *School of Nursing*

#### **Bachelor of Science in Nursing**

Margaret Elizabeth Casey.....	Columbus
Joan Cummins.....	Columbus
Cecilia Agnes Eaton (cum laude).....	Dayton
Rose Marie Gerber.....	Kidron
Lesley Joyce Montgomery.....	Ashland
Jeanne Staiger Moore.....	Gettysburg, Pa.
Joyce Vick Pryatel.....	Lorain
Mary Magdalene Sailer.....	Ashland, Ky.
Ruth Anna Wise.....	Cleveland

(Nine candidates)

#### **Bachelor of Science in Occupational Therapy**

Margaret Simington Ewing (cum laude).....	Lakewood, Colo.
Dorothy Honsa Kohut.....	Cleveland
Diane Frances Lewis.....	Chicago, Ill.

(Three candidates)



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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 14, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, April 14, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, John W. Bricker, John G. Ketterer, Frederick E. Jones, Mervin B. France, and James W. Shocknessy.

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Minutes of the last meeting were approved.

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April 14, 1966 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a School of Allied Medical Services in the College of Medicine

The Faculty Council on March 8, 1966, with the concurrence of the Council on Instruction, approved the proposal from the College of Medicine that a School of Allied Medical Services be established in the College of Medicine.

It was therefore recommended for approval by the Board of Trustees that a School of Allied Medical Services be established in the College of Medicine of The Ohio State University, effective July 1, 1966, to administer the educational programs in the paramedical field, now offered by various colleges of the University. The effectuation of this recommendation will bring together under the direct supervision of the School of Allied Medical Services the following related curricula and will provide for maximum utilization of the commonality in their structure and implementation: medical dietetics, medical illustration, medical technology, nurse anesthesiology, occupational therapy, orthoptic technology, and physical therapy.

After the completion of the pre-professional phase of his education in an undergraduate college, the student will be considered for admission to one of the above professional curricula through the School of Allied Medical Services.

It was further recommended that effective July 1, 1966, the following degrees and certificates which are now being awarded through various colleges of the University be awarded through the College of Medicine upon the recommendation of the School of Allied Medical Services: Degrees--Bachelor of Science in Medical Dietetics, Bachelor of Science in Medical Illustration, Bachelor of Science in Medical Technology, Bachelor of Science in Occupational Therapy, and Bachelor of Science in Physical Therapy; and Certificates--Medical Technology, Nurse Anesthesiology, Orthoptic Technology, and Physical Therapy.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendations by unanimous vote.

B. Department of Defense Facility Security Clearance for The Ohio State University

Security representatives of the Department of Defense have recently advised that it will be necessary for the University to obtain Facility Security Clearance and have recommended that the following resolution be adopted by the Board of Trustees:

WHEREAS, it has been brought to the attention of the Board of Trustees of THE OHIO STATE UNIVERSITY with its principal office and place of business at Administration Building, 190 North Oval Drive in the City of Columbus, State of Ohio, that in connection with Department of Defense Facility Security Clearance of The Ohio State University, the President, those Officers and Trustees of the University who are required to have security clearances as

April 14, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Department of Defense Facility Security Clearance for The Ohio State University (continued)

members of the Board of Directors of The Ohio State University Research Foundation, 1314 Kinnear Road, Columbus, Ohio 43212, are also required to hold security clearances under the Facility Security Clearance for the University.

WHEREAS, other Officers and Trustees who are United States Citizens, immigrant aliens, foreign representatives, or foreign nationals, and who shall not require access to classified information in the conduct of the institution's business, are not required to be cleared, provided the Board of Trustees takes such official action and is made a matter of record in the minutes of the Board;

NOW, THEREFORE, BE IT RESOLVED, that such Officers and Trustees, other than those required to be cleared, shall not require, nor shall have and can be effectively denied, access to all classified information in the possession of the institution, and do not occupy positions that would enable them to affect adversely the institution's policies or practices in the performance of classified contracts for the Department of Defense.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the Board of Trustees adopted the above resolution by unanimous vote.

C. Recommendation for the Benjamin G. Lamme Meritorious Achievement Medal - Parker S. Dunn

The Committee on Honorary Degrees and Honors of the College of Engineering, with the unanimous endorsement of the faculty of the College of Engineering, has nominated Parker S. Dunn, President of the American Potash and Chemical Company, 3000 Sixth Street, Los Angeles, California, for the Benjamin G. Lamme Meritorious Achievement Medal to be awarded at the June Commencement, 1966.

It was therefore recommended that this nomination be approved by the Board of Trustees.

Upon motion of Mr. Bricker, seconded by Mr. Allyn, the above recommendation was approved by unanimous vote.

D. University Printing Facility

The School of Journalism facilities and the University printing facilities require substantial rehabilitation to bring them up to modern standards. Much of the University's printing equipment is more than 30 years old and needs to be replaced. After careful study, it has been determined that the most satisfactory solution is to construct a new printing facility and later to modernize the present Journalism Building following the removal of the printing equipment. The University can fund the construction of a simple building to serve as a printing facility from University funds if the costs of the required fixed and movable equipment estimated at \$500,000.00 can be financed from state appropriations. H. B. 949 includes an appropriation of

April 14, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. University Printing Facility (continued)

\$5,000,000.00 to The Ohio State University in Item 315-034, of which \$1,500,000.00 has not been committed.

It was recommended therefore that in accordance with the usual procedures, the President and Vice President for Business and Finance be authorized to proceed with plans for construction of a University printing facility, subject to the release by the Controlling Board of \$500,000.00 from Item 315-034 of H. B. 949 to cover the costs of a modern printing press, needed auxiliaries, and related apparatus.

Upon motion of Mr. Davis, seconded by Mr. Allyn, the Board of Trustees approved the above recommendation by unanimous roll call vote.

E. Transportation Research Center - Land Acquisition

Planning discussions for the development of a Transportation Research Center have been under way for some time and have included representatives of the University, the Department of Highways, the Department of Development, and the Ohio Board of Regents.

Land acquisition costs for a site in central Ohio are estimated at \$2,000,000.00. According to present plans, the Department of Highways will provide \$1,000,000.00 and the other \$1,000,000.00 will come from funds appropriated to The Ohio State University.

H. B. 949 includes an appropriation of \$5,000,000.00 to The Ohio State University in Item 315-034, of which \$1,000,000.00 remains uncommitted. It was recommended therefore that in accordance with the above referred to plans the Controlling Board be respectfully requested to release \$1,000,000.00 in Item 315-034 in H. B. 949 for the acquisition of land at a site in central Ohio to be selected in cooperation with the Department of Highways and the Department of Development.

Upon motion of Mr. Shocknessy, seconded by Mr. Davis, the Board of Trustees approved the above recommendation by unanimous roll call vote.

II. PERSONNEL CHANGES

In addition to the regular personnel changes recorded in the official "Salary Roll" since the March 10, 1966 meeting of the Board of Trustees, President Fawcett recommended that the following Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title be approved by the Board:

A. Appointments

William E. Hall, Jr., Professor and Director, School of Journalism, effective July 1, 1966, at a salary of \$25,068.00 per annum.

Philip A. Marks, Professor, Department of Psychiatry, effective May 1, 1966, at a salary of \$20,268.00 per annum, and Professor in the Department of Psychology at No Salary.

April 14, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

John R. Ewart, Instructor (County Extension Agent, Agriculture), effective April 1, 1966 through June 15, 1966, to participate in a program of professional improvement at The Ohio State University.

C. Leaves of Absence Without Salary

Robert E. Partyka, Associate Professor (Extension Plant Pathologist), Cooperative Extension Service, effective May 1, 1966 through June 30, 1966, to accept a temporary position at Cornell University.

Ralph E. Franklin, Jr., Assistant Professor (part time - 14%), Department of Agronomy, effective May 1, 1966 through June 30, 1966, to set up a radioisotope laboratory in Lima, Peru, for the International A. E. C.

D. Emeritus Title

Harriet M. Green, Cooperative Extension Service, with the title of Instructor Emeritus (County Extension Agent, Home Economics), effective May 1, 1966.

Mr. John Bricker moved and Mr. Jacob Davis seconded the motion that the above recommended Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title, and personnel actions as recorded in the official "Salary Roll" of the University be approved.

A young man who was among those in the audience attracted Chairman Loop's attention and upon invitation of the Chairman identified himself as Timothy D. Smith, a graduate student in journalism. Without any previous notification, Mr. Smith requested permission to speak on a subject pertaining to the recommendation for the appointment of a Director of the School of Journalism. The Chair placed this request before the members of the Board, and it was the unanimous consensus that in accordance with Article I, Section 6, of the Bylaws of the Board of Trustees, that it would be out of order for Mr. Smith to speak since the Board was not holding a public hearing and was engaged in a business meeting. The Chairman, Mr. Loop, then ruled that Mr. Smith should not be recognized for the purpose of addressing the Board.

Upon a roll call vote, the above motion as placed by Mr. Bricker was approved unanimously, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

### III. GENERAL CONTRACTS AND AGREEMENTS

#### A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it was recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

#### 1. Government Contracts - Federal

- a. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #26 - Engineering Experiment Station).  
Gross Value - \$9,000.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Investigation of Deoxyribonucleoside and Related Carcinolytes (to be known as National Institutes of Health Project No. 759 - Ext. #9 - Department of Chemistry).  
Gross Value - \$62,521.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Comparative Study of the Autonomic Nervous System (to be known as National Institutes of Health Project No. 1370 - Ext. #2 - Department of Anatomy).  
Gross Value - \$10,671.00.
- d. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Ext. #3 - Institute for Research in Vision).  
Gross Value - \$23,160.00.
- e. U. S. Army Biological Laboratories, Fort Detrick, Frederick, Maryland, Mixed Aerosol Infections in Monkeys (to be known as U. S. Army Biological Laboratories Project No. 1576 - Mod. #15 - Department of Medicine).  
Gross Value - \$6,500.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Genetic Bases of Behavior Differences (to be known as National Institutes of Health Project No. 1633 - Ext. #3 - Department of Zoology and Entomology).  
Gross Value - \$23,280.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- g. National Aeronautics and Space Administration, Washington, D. C., Theoretical and Experimental Investigation of the Measurement of Angular Rotation with Photons (to be known as National Aeronautics and Space Administration Project No. 1760 - Sup. #1 - Department of Physics).  
Gross Value - \$18,970.00.
- h. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Phenylalanine Metabolism in Phenylketonuria (to be known as National Institutes of Health Project No. 1770 - Ext. #2 - Department of Pathology).  
Gross Value - \$34,460.00.
- i. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Physical Modalities on Blood Vessels (to be known as National Institutes of Health Project No. 1777 - Ext. #2 - Department of Medicine).  
Gross Value - \$19,596.00.
- j. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, The Cycling of CL<sup>36</sup> Labeled DDT in a Marsh Ecosystem (to be known as U. S. Atomic Energy Commission Project No. 1794 - Mod. #3 - Department of Zoology and Entomology).  
Gross Value - \$11,547.00.
- k. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Pathogenesis of Spontaneous Avian Atherosclerosis (to be known as National Institutes of Health Project No. 1800 - Ext. #2 - Department of Physiology).  
Gross Value - \$14,653.00.
- l. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Detection of Cancer Cells in Cadaver Blood (to be known as National Institutes of Health Project No. 1805 - Ext. #2 - Department of Pathology).  
Gross Value - \$14,260.00.
- m. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates (to be known as National Institutes of Health Project No. 1820 - Ext. #2 - Department of Chemistry).  
Gross Value - \$22,627.00.

April 14, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- n. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Catalytic Centers of Metal Enzymes (to be known as National Institutes of Health Project No. 1823 - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$23,154.00.
- o. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, A Study of Radiation on the Biology and Population Dynamics of the Cereal Leaf Beetle, Oulema Melanopa (L). Order, Coleoptera, Family, Chrysomelidae (to be known as U. S. Atomic Energy Commission Project No. 1928 - Mod. #2 - Department of Zoology and Entomology).  
Gross Value - \$14,031.00.
- p. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, The Role of Population-Dependent Factors in Altering Adrenal Steroidogenesis and Reproduction in the Cottontail Rabbit in Ohio (to be known as U. S. Atomic Energy Commission Project No. 1960 - Mod. #1 - Department of Obstetrics and Gynecology).  
Gross Value - \$13,972.00.
- q. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Anticancer Substances from Plants (to be known as National Institutes of Health Project No. 1967 - Ext. #1 - College of Pharmacy).  
Gross Value - \$13,483.00.
- r. Air Force Systems Command, SEG, Wright-Patterson Air Force Base, Ohio, Aerodynamic Gas Spike for Re-entry Vehicle Communications Studies (to be known as Air Force Systems Command Project No. 2010 - Sup. #2 - Department of Electrical Engineering).  
Gross Value - \$49,955.00.
- s. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Solid State Electronic Techniques (to be known as Systems Engineering Group, Research and Technology Division Project No. 2011 - C. O. #1 - Department of Electrical Engineering).  
Gross Value - \$37,500.00.
- t. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Ion Transport in Heart Mitochondria (to be known as National Institutes of Health Project No. 2012 - Ext. #1 - Department of Physiological Chemistry).  
Gross Value - \$19,932.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- u. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Some Aspects of Iron Metabolism (to be known as National Institutes of Health Project No. 2086 - Rev. Award 2/28/66 - Institute of Nutrition and Food Technology). Gross Value - \$4,579.00.
- v. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Diagnosing and Correcting Individual Deficiencies in Learning Music (to be known as Office of Education Project No. 2155 - New - School of Music). Gross Value - \$45,749.00.
- w. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Study and Experimentation of Satellite Communication Links (to be known as Systems Engineering Group, Research and Technology Division Project No. 2162 - New - Department of Electrical Engineering). Gross Value - \$49,989.00.
- x. Department of Navy, Bureau of Naval Weapons, Washington, D. C., Reactive-Wall Reflectors for 9mm Microwave Operation (to be known as Bureau of Naval Weapons Project No. 2163 - New - Department of Electrical Engineering). Gross Value - \$20,000.00.
- y. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Lysosomes in Viral-Induced Cytopathologies (to be known as National Institutes of Health Project No. 2164 - New - Department of Microbiology). Gross Value - \$27,888.00.
- z. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Technical Services to Provide Intermittent Research Analysis on Materials and Associated Problems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2165 - New - RF Internal Supervision). Gross Value - \$160,000.00.
- aa. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Antenna Techniques for Ionospheric Sounding (to be known as Systems Engineering Group, Research and Technology Division Project No. 2167 - New - Department of Electrical Engineering). Gross Value - \$24,832.00.

April 14, 1966 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- bb. Classified Program (to be known as Classified Program Project No. 2170 - New - Department of Electrical Engineering).  
Gross Value - \$157,327.00.
- cc. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Coordination of Phosphine Sulfides and Selenides (to be known as Bureau of State Services Project No. 2171 - New - Department of Chemistry).  
Gross Value - \$28,325.00.
- dd. National Science Foundation, Washington, D. C., Immunologic Specificity of Antibodies to Liver Ribosomes and Nuclei (to be known as National Science Foundation Project No. 2172 - New - Department of Microbiology).  
Gross Value - \$74,100.00.
- ee. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Individual Differences and Psychologic Stress (to be known as National Institutes of Health Project No. 2173 - New - Department of Psychiatry).  
Gross Value - \$51,513.00.
- ff. National Science Foundation, Washington, D. C., Investigation of Low-Energy-Spread Electron Beams (to be known as National Science Foundation Project No. 2174 - New - Department of Electrical Engineering).  
Gross Value - \$39,000.00.
- gg. Department of State, Agency for International Development, Washington, D. C., Human Resource Development Planning Project for Bolivia (to be known as Department of State, Agency for International Development Project No. 2176 - New - Department of Economics).  
Gross Value - \$110,988.00.
- hh. National Science Foundation, Washington, D. C., Research Initiation-High Level Recombination Phenomena in Bulk Semiconductors (to be known as National Science Foundation Project No. 2178 - New - Department of Electrical Engineering).  
Gross Value - \$19,200.00.
- ii. National Science Foundation, Washington, D. C., The Stereochemistry of Unusual Coordination Numbers in Transition Metal Complexes (to be known as National Science Foundation Project No. 2179 - New - Department of Chemistry).  
Gross Value - \$26,500.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- jj. National Science Foundation, Washington, D. C. , The Effect of Creep on Parametric Excitation of a Column (to be known as National Science Foundation Project No. 2180 - New - Department of Engineering Mechanics).  
Gross Value - \$19,200.00.
- kk. Electronic Systems Division, AFSC, Laurence G. Hanscom Field, Bedford, Massachusetts, Asymptotic High Frequency Methods (to be known as Electronic Systems Division, Laurence G. Hanscom Field Project No. 2183 - New - Department of Electrical Engineering).  
Gross Value - \$29,893.00.
- ll. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Test for the Evaluation of Esophageal Speech (to be known as National Institutes of Health Project No. 2184 - New - Department of Speech).  
Gross Value - \$3,345.00.

TOTAL - Government Contracts - Federal \$1,335,700.00

2. Industrial and Other Contracts

- a. Firestone Tire & Rubber Company, Akron, Ohio, Health Hazards of Certain Compounds and Products (to be known as Firestone Tire & Rubber Company Project No. 246 - Ext. #20 - Department of Pathology).  
Gross Value - \$24,000.00.
- b. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - Check #C286985 - Department of Surgery).  
Gross Value - \$1,477.00.
- c. Petroleum Research Fund, ACS, 1155 Sixteenth Street, N. W. , Washington, D. C. , Chemistry of Norbornane Derivatives (to be known as Petroleum Research Fund Project No. 1670 - Ext. #1 - Department of Chemistry).  
Gross Value - \$19,980.00.
- d. Central Ohio Heart Association, 3416 North High Street, Columbus, Ohio, An Experimental Evaluation of Pulmonary Embolectomy (to be known as Central Ohio Heart Association Project No. 2103 - Check #10822 - Department of Surgery).  
Gross Value - \$1,046.04.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- e. Columbus Board of Education, Columbus Public Schools, 270 East State Street, Columbus, Ohio, Evaluation for Columbus Public Schools - Title I, E-S Education Act of 1965 (to be known as Columbus Public Schools Project No. 2175 - New - School of Education).  
Gross Value - \$30,000.00.
- f. American Cancer Society, Inc., 219 East 42nd Street, New York, New York, Cancer Research (to be known as American Cancer Society Project No. 2177 - New - Department of Pathology).  
Gross Value - \$35,000.00.
- g. American Thoracic Society, Medical Section, National Tuberculosis Association, 1790 Broadway, New York, New York, Studies of the Roles of Acid-Fast Bacteria, Mycobacteriophages and Bacteriophage Antibodies in the Etiology of Sarcoidosis (to be known as American Thoracic Society Project No. 2181 - New - Department of Pathology).  
Gross Value - \$12,781.00.

TOTAL - Industrial and Other Contracts \$124,284.04

The foregoing forty-five contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,459,984.04.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous vote.

B. The Report of the Research Contract  
from the Engineering Experiment Station

During the period from February 25, 1966 through March 30, 1966, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and record.

1. Government Research Contract

- EES 280      A Study of Stop-Warning Systems, Ohio Department of Highways, Columbus, Ohio, Bureau of Public Roads, Washington, D. C.  
Gross Value - \$15,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Agreement Between the College of Medicine of  
The Ohio State University and Harding Hospital  
for an Affiliate Teaching Program

To enhance the instructional program for medical students, the Dean of the College of Medicine has proposed that an agreement be executed between Harding Hospital and the College of Medicine of The Ohio State University, whereby resident students in the Department of Psychiatry of the College of Medicine will be given an opportunity to gain experience in the maintenance of research and patient care programs at Harding Hospital.

The Board of Trustees of Harding Hospital has indicated its willingness to participate in an affiliate teaching program, and it was therefore recommended that the President be authorized to sign such an agreement on behalf of the University with the understanding that there is no financial obligation on the part of the University and that the said agreement be effective upon approval by the Board of Trustees and upon signing by the President.

Upon motion of Mr. Davis, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote authorized the President to sign the agreement between the College of Medicine of The Ohio State University and Harding Hospital for the affiliate teaching program.

D. Agreement Between the College of Agriculture and Home Economics  
of The Ohio State University and the College of Agriculture of  
Michigan State University of Agriculture and Applied Science

Dr. Roy M. Kottman, Dean of the College of Agriculture and Home Economics, after consultation with Dr. Thomas K. Cowden, Dean of the College of Agriculture of Michigan State University of Agriculture and Applied Science, has proposed that The Ohio State University enter into a cooperative undergraduate program in forestry with Michigan State University of Agriculture and Applied Science.

It was therefore recommended with the concurrence of Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, that the President of The Ohio State University be authorized to sign an agreement on behalf of The Ohio State University, which agreement includes the following conditions:

1. In consideration of the training made available by Michigan State University, The Ohio State University agrees to pay the non-resident fee for each resident of Ohio who has completed the pre-forestry program in the College of Agriculture and Home Economics of The Ohio State University and who has transferred to the forestry curriculum in the College of Agriculture of Michigan State University. Michigan State University will bill The Ohio State University immediately following the opening of each academic term.

April 14, 1966 meeting, Board of Trustees

### III. GENERAL CONTRACTS AND AGREEMENTS (continued)

#### D. Agreement Between the College of Agriculture and Home Economics of The Ohio State University and the College of Agriculture of Michigan State University of Agriculture and Applied Science (continued)

2. Michigan State University will accept each year not more than ten (10) new students for training in its forestry curriculum who are residents of the State of Ohio. All such students must have met all entrance requirements of Michigan State University and must pay fees equal to the fees charged Michigan residents by said institution.
3. Michigan State University will advise The Ohio State University not later than March 1 of each year the maximum number of new students, if any less than ten (10) which Michigan State University will accept the following Autumn Quarter. It is understood that once a student is accepted for training, he can continue so long as the student makes satisfactory academic progress and said students continue to pay the consideration outlined above. Students entering the forestry curriculum at Michigan State University under the terms of this agreement will be subject to all entrance requirements and all rules and regulations of the training institution.

The Chancellor of the Ohio Board of Regents, Dr. John D. Millett, has indicated full support of the proposed cooperative program in forestry and the agreement between The Ohio State University and Michigan State University of Agriculture and Applied Science. This arrangement in interstate cooperation is proposed with the assumption that it will be unnecessary to develop anything more than a pre-professional forestry program in a publicly assisted university in the State of Ohio.

Upon motion of Mr. France, seconded by Mr. Allyn, the Board of Trustees by unanimous roll call vote authorized the President to sign the agreement for the training of forestry students between the College of Agriculture and Home Economics of The Ohio State University and the College of Agriculture of Michigan State University of Agriculture and Applied Science.

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### IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since March 10, 1966, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.



April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$1,000,000.00 granted by the Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, for construction of a new science and engineering building for the Dayton Campus (Wright State Campus) of The Ohio State University. This grant is made under Title I of the Higher Education Facilities Act of 1963. (Ohio 4-1207)
2. \$383,630.00 granted by the Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, for construction of undergraduate instructional and library facilities for the addition to existing Physics Building. This grant is made under Title I of the Higher Education Facilities Act of 1963. (Ohio 4-1219)
3. \$63,581.00 granted by the Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, for academic year grants. This is granted under authority of Title IV, Part A (Educational Opportunity Grants) of the Higher Education Act of 1965.
4. \$48,600.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the program entitled "Psychiatry - Residency Training," under the direction of Dr. Ian Gregory, Department of Psychiatry, for the period July 1, 1966 through June 30, 1967. (Grant No. 5 T1 MH 8386-03)
5. \$25,002.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the program entitled "Undergraduate Clinical Training Grant," under the direction of Dr. James V. Warren, Department of Medicine, for the period March 1, 1966 through February 28, 1967. (Grant No. 5 T2 HE 5035-13)
6. \$5,000.00 granted by the World Health Organization, Geneva, Switzerland, to the University for support of the "WHO" International Reference Center for diagnosis of diseases of vectors by the Department of Zoology and Entomology.

TOTAL - Through the Office of Business and Finance \$1,525,313.00

B. Received Through the Development Fund

1. \$40,537.00 from The John A. Hartford Foundation, Inc. --\$36,483.00 for the Midwest Foundation for Obstetrics and Gynecology and \$4,054.00 for the College of Medicine University Hospital Memorial Fund.
2. \$10,000.00 from The Friedman Foundation for The Ohio State University Marching Band Special Fund.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

3. \$10,000.00 from the Estate of Roy Brenholts, deceased, for the establishment of the Roy Brenholts Scholarship Fund in Mechanical Engineering.

Roy Brenholts Scholarship Fund in Mechanical Engineering

The Roy Brenholts Scholarship Fund in Mechanical Engineering was established March 14, 1966, by a bequest in the Will of Roy Brenholts, M. E. '07, deceased.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used for scholarships or loans each year to a student or students designated by the Board of Trustees to enable such student or students to continue the study of mechanical engineering at the University; or all or any part of the income may be used, at the discretion of the Trustees, in furtherance of research in the field of mechanical engineering at the University.

4. \$10,000.00 from Jane Anderson Dreese, daughter of the late Earl W. Anderson, for the establishment of The Earl W. Anderson Memorial Fund.

The Earl W. Anderson Memorial Fund

The Earl W. Anderson Memorial Fund was established March 7, 1966, by gifts through the Development Fund in memory of Earl W. Anderson.

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

The income is to be used for graduate scholarships for students in the College of Education. First preference is to be given to students majoring in higher education. The committee to make recommendations for the scholarship recipients shall be Donald P. Cottrell, Collins W. Burnett, and Frederick R. Cyphert. In the event of the inability of any one of these persons to act, then he shall be replaced by one of the following: the Dean of the College of Education, Director of School of Education, and a faculty member of the Department of Education to be appointed by the Director of the School of Education, until eventually the committee shall be entirely composed of the persons who occupy these positions.

In the event that the College of Education and School of Education as they now exist shall be altered in any reorganization of University colleges, schools, and departments, the Board of Trustees or successor governing body of the University shall direct the use of the income for purposes within the field of higher education as recommended by the appropriate administrative official of the University then directly responsible for the area of education at The Ohio State University.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

5. \$7,000.00 from James R. Riley for the "James R. Riley Professorship of Transportation and Business Logistics."
6. \$6,750.00 from the Alfred P. Sloan Foundation for the Sloan Foundation Scholarship Fund.
7. \$5,902.50 from the Estate of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
8. \$5,000.00 from Long's College Book Company for the James Edward Hagerty Chair Fund.
9. \$5,000.00 from Donald C. Power for the Donald C. Power Fund in the College of Commerce and Administration.
10. \$4,650.00 from the American Foundation for Pharmaceutical Education for the American Foundation for Pharmaceutical Education Fund.
11. \$4,570.00 from the Ohio Florists Association--\$4,320.00 for the Ohio Florists Association Fellowship Fund and \$250.00 for the Ohio Florists Association Special Fund.
12. \$4,000.00 from the Gluck Educational Foundation--\$2,000.00 for the Helen Gluck Fund and \$2,000.00 for the Gluck Grandchildren Fund.
13. \$4,000.00 from The Link Foundation--\$2,000.00 for the Link Foundation Fund for Aviation Medicine and \$2,000.00 for the Link Foundation Fund for the Department of Aviation.
14. \$3,410.00 from The Jack Wolfram Foundation for The Jack Wolfram Foundation Fund.
15. \$3,333.33 from the United Health Foundations, Inc. for the United Health Foundations Viral Respiratory Disease Research Fund.
16. \$3,000.00 from American Cyanamid Company for the American Cyanamid Fellowship Fund.
17. \$3,000.00 from Howard E. LeFevre and Catharine Bonner LeFevre for the establishment of the Howard E. and Catharine Bonner LeFevre Scholarship Fund.

Howard E. and Catharine Bonner LeFevre Scholarship Fund

The Howard E. and Catharine Bonner LeFevre Scholarship Fund was established March 14, 1966, by gifts through the Development Fund from Howard E. LeFevre, B. Arch. E. '29, and Catharine Bonner LeFevre, B.Sc. Edu. '29.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. Howard E. and Catharine Bonner LeFevre Scholarship Fund (continued)

The principal is to be invested according to rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used for scholarships to students attending the Newark Branch of The Ohio State University.

In the event said Newark Branch should cease to exist or should the need for such scholarships so diminish as to create unused income, then said income may be used in the discretion of said Board of Trustees for any purpose, first preference however to be given to scholarships or other forms of student aid.

18. \$2,950.00 from Ohio Bakers Association for the Ohio Bakers Association Research Fund.

19. \$2,000.00 from John D. Cole for the establishment of the John Dana Cole Fund.

John Dana Cole Fund

The John Dana Cole Fund was established March 10, 1966, by a gift through the Development Fund from John D. Cole.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University. On request of the donor the principal shall be transmitted to the Treasurer of the State of Ohio to be invested in accordance with Sec. 3345.16 G. C.

The income is to be used to provide a one-year graduate scholarship, fellowship, or grant-in-aid in either the Graduate School or one of the professional colleges to a candidate from one of the intercollegiate athletic squads. If any year there is no candidate, the income shall be permitted to accumulate so that two or more awards could be made in a succeeding year.

There shall be a committee to make recommendations for these awards composed of the Director of Athletics, the Dean of the Graduate School, and the President of the University or his nominee. In making the recommendation for these awards this committee is charged only with aiding a student who shows promise of success in his chosen field.

In case the need for such awards should cease to exist or so diminish as to create unused income then the Board of Trustees of The Ohio State University, which shall be the judge of this condition, may use said income in its discretion, with this request only, that preference be given, if possible, to some activity in the field of athletics.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

20. \$1,900.00 from G. D. Searle & Co. for the G. D. Searle & Co. Research in Medicine Fund.
21. \$1,000.00 from Clyde G. Conley for the Clyde G. Conley Fund.
22. \$1,000.00 from Walter English for a purpose to be designated at later date.
23. \$1,000.00 from Dr. William H. Havener for the Ophthalmology Teaching Fund.
24. \$1,000.00 from the Estate of Marguerite A. Hopkins for the establishment of the Wilbur Hopkins Memorial Fund.

Wilbur Hopkins Memorial Fund

The Wilbur Hopkins Memorial Fund was established March 17, 1966, by a bequest from Marguerite A. Hopkins.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income is to be used for aid to deserving students in the field of education.

25. \$1,000.00 in cash and securities from Seward D. Schooler as an unrestricted gift to the University.

TOTAL - Received Through the Development Fund \$142,002.83

C. Gifts-in-Kind

1. A collection of United Nations materials from Christian E. Burckel, Bronxville, New York, for The Ohio State University Library.
2. A collection of books from Dr. Fred A. Hitchcock for The Ohio State University Library.

Upon motion of Mr. Ketterer, seconded by Mr. Bricker, the acceptance of the above grants and gifts was approved by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.

April 14, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

In February, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	232	\$ 60,675.09
Individuals other than alumni	87	3,462.24
Nonprofit organizations	42	102,011.02
Business concerns	<u>26</u>	<u>27,132.55</u>
	387	\$193,280.90

Of these gifts, 120 totaling \$880.50 were undesignated and 267 totaling \$192,400.40 were designated.

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V. APPROPRIATION AND TRANSFER OF FUNDS

A. Appropriation for Remodeling of Sisson Hall for Heart Research

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it was recommended that a sum not to exceed \$57,000.00 be appropriated from the University Treasurer Research Subaccount (e) to be combined with funds received from the National Institutes of Health for the remodeling of Sisson Hall for heart research.

Upon motion of Mr. France, seconded by Mr. Davis, the Board of Trustees by unanimous roll call vote approved the above appropriation of funds.

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VI. EXTRA ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, it was recommended that the Extra Orders to Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Taylor Tower	\$ 4,558.00
2. Pharmacy Building	730.00
3. Engineering Classrooms and Offices	2,640.00
4. Repairs to Plumbing in Upham Hall	2,946.00
5. Raney Commons	672.00
6. Chemical Research Facilities	<u>80,227.00</u>
Total	<u>\$91,773.00</u>

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

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## VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it was recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

### A. Completion of Curl Drive

This project will complete Curl Drive near High Street, which portion could not be included in the original construction because the property was not available. Also included in this project are an access drive and curbs for the service court at Drackett Tower.

Funds will be provided from Item 033, H. B. 202, and Dormitory Funds.

### B. Ohio Union - Third Floor Addition

This project provides for the construction of an additional floor on the south wing of the Ohio Union to house various offices for the Office of Student Relations.

Funds for this project will be provided from Budget Account 801039.

### C. Main Library - Additional Stacks

This project provides for the construction of four decks of bookstacks in the undeveloped portion of the tower of the Main Library.

Funds for this project will be provided from the University Treasurer General Fund (Budget Account 801073).

### D. Service Center - Laundry

This project provides a standard metal building with masonry walls to house the complete University Laundry and includes only the shell of the building and the roof drainage.

Funds for this project will be provided from Budget Account 801059.

### E. Lighting Improvements - Fifteenth Avenue Entrance

This project provides for the replacement of deteriorated wiring and a higher level of illumination.

Funds will be provided from Budget Account 121658.

### F. University Airport - Resurfacing Runways

This project will provide a new asphaltic surface to the main runway at University Airport.

Funds will be provided from Budget Account 121658.

April 14, 1966 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

G. Telephone Ducts Relocation - Eighteenth Avenue

This project will provide underground conduits for the listening center cables to the Olentangy River Dormitories, extend two electrical power conduits from the Stadium area to tie in with the power house conduit system, and relocate the existing conduits with Ohio Bell Telephone Company cables to clear the construction area for Systems and Electronics Engineering Building.

Funds will be provided from Budget Account 121658.

H. Hughes Hall Auditorium - Repairs to Lighting

This project will replace defective stage dimmer controls and improve the lighting to an acceptable level for classroom use.

Funds will be provided from Budget Account 121658.

I. Roof and Gutter Repairs - Derby Hall and University Airport Hangars

This project will repair the roof of Derby Hall to prevent further leakage and the installation of additional downspouts on the hangars at University Airport to run the roof water underground.

Funds will be provided from Budget Account 121658.

J. Olentangy River Bank Improvements

This project will improve the river bank for the construction of the Center for Tomorrow.

Funds will be provided from Budget Account 801035.

K. University Printing Facility

This project provides a standard metal building with masonry walls, roof drainage, and utility extensions to house the University printing service and related facilities.

Funds will be provided from funds to be transferred from Item 034, H. B. 949, and from general University funds.



April 14, 1966 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

L. Recreational Facilities Lighting

This project provides the lighting of six intramural touch football fields that will also serve for four intramural softball fields.

Funds will be provided from Budget Account 801075.

Upon motion of Mr. France, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. North Dormitory Area Site Improvement - West Portion

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 3-2-66)		
Pendleton Construction Company (Columbus)	\$ 34,227.00	\$ 42,350.00

Funds for this project are provided from Budget Account 920600.

B. Floor Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 3-24-66)		
B & T Carpet and Linoleum Co. (Columbus)	\$ 23,661.00	\$ 40,000.00

Funds for this project are provided from Budget Account 121658.

C. Natatorium - Modernization of Lighting

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 3-24-66)		
Pence Electric Company (Columbus)		
Base Bid	\$ 23,720.00	\$ 26,500.00
Alt. E-1 Add Fixture Switches and Wiring	3,943.00	4,500.00
Total Contract	<u>\$ 27,663.00</u>	<u>\$ 31,000.00</u>

Funds for this project are provided from Budget Account 121658.

April 14, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Interior Painting of Fine Arts and Townshend Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 3-24-66)		
Harold F. Mollenauer Painting Company, Inc. (Columbus)	\$ 18,339.00	\$ 41,675.00

Funds for this project will be provided from Budget Account 121658.

E. Interior Painting and Patch Plastering of  
Brown Hall and Mendenhall Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
(6 bids received 3-24-66)		
Mollenauer Painting Company (Columbus)	\$ 21,450.00	\$ 31,000.00

Funds for this project are provided in Budget Account 121658.

F. Olentangy River Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 3-24-66)		
George J. Igel and Company, Inc. (Cols.)	\$ 14,000.00	\$ 16,000.00

Funds for this project will be provided from Item 025, H. B. 949, and Budget Account 121658.

G. Athletic Facility North

	<u>Low Bid</u>	<u>Est. of Cost</u>
(5 bids received 3-29-66)		
General Maintenance and Engineering Co. (Columbus)	\$119,540.00	\$140,000.00

Funds for this project will be provided from Athletic Department Funds.

Upon motion of Mr. Allyn, seconded by Mr. Ketterer, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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IX. CONTROLLING BOARD APPROVALS

Each numbered approval shown below accomplishes the following purpose:

- 44 Approves the transfer of \$3,122,305.00 from Item 027, H. B. 202, to Item 005, H. B. 202, and releases this amount for construction costs for Physics and Astronomy Building.

April 14, 1966 meeting, Board of Trustees

IX. CONTROLLING BOARD APPROVALS (continued)

- 47 Approves the purchase of property commonly known as 2407 Wood Avenue.
- 48 Approves the purchase of property commonly known as 2402 Kenny Road.
- 51 (Board of Regents) Transfers \$5,300.20 from Item 235-001, H. B. 202, to Item 007, Modular Construction - Newark, for architect's fees for the Newark Branch.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Donald Lee Speakman be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Speakman, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous vote.

B. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Ronald Wayne Jornd be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Jornd, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous vote.

C. Demolition of Buildings - Lima and Mansfield Campuses

The campus property at both Lima and Mansfield include several old, dilapidated farm residences, barns, and outbuildings which have no justifiable value to the maintenance and operation of the campuses. It was recommended that the Vice President for Business and Finance be authorized to proceed with demolition and removal of such buildings in the most advantageous manner.

Upon motion of Mr. Davis, seconded by Mr. Bricker, the above recommendation was approved by unanimous vote.

April 14, 1966 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Utility Easement - City of Mount Vernon, Ohio

The City of Mount Vernon, Ohio, has requested permission to construct, operate, and maintain a two-inch gas line on lands in Knox County held by the Board of Trustees of The Ohio State University, commonly known as Lakeholm Farm. The gas line will be used to provide gas service to the municipal sewage treatment plant for more efficient operation.

It was recommended that the President and/or the Vice President for Business and Finance be authorized to execute an easement with the City of Mount Vernon on behalf of the Board of Trustees for the purpose stated above.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendation was approved by unanimous vote.

E. University Hospital - Renovating Operating Suites 9, 10, 11, and 12 and Related Areas - Employment of Architects

It was recommended that the architectural firm of Louis F. Karlsberger and Associates, Columbus, Ohio, be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be computed at 10 per cent of the estimated construction cost plus \$5.00 per hour for full-time supervision of construction for a maximum of 800 hours. Funds for this project are provided from the Hospital Rotary.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

F. Pulsed Van de Graaff Accelerator, Supplement to Architect's Contract

The architectural firm of Benham, Richards and Armstrong was employed to provide complete architectural services for this project.

It was recommended that a supplemental fee in the amount of \$2,636.80 be approved to compensate this firm for additional work on the project.

Funds are available in Item 029, H. B. 949.

Upon motion of Mr. Davis, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

G. Purchase of Buildings and Property, 220 West 10th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Mrs. Wilma Slater at a price of \$19,000.00:

Property known as 220 West Tenth Avenue, being Lot #15, University Heights Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

H. Purchase of Buildings and Property, 212 West 10th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Philip E. Carlin at a price of \$19,500.00:

Property known as 212 West Tenth Avenue, being Lot #16, University Heights Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

I. Purchase of Buildings and Property, 209-211 West 11th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from John F. Vancel and Edythe May Vancel at a price of \$32,500.00:

Property known as 209-211 West Eleventh Avenue, being Lot #23, University Heights Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

J. Purchase of Buildings and Property, 205-207 West 11th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Eleanor L. Smith at a price of \$29,500.00:

April 14, 1966 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

J. Purchase of Buildings and Property, 205-207 West 11th Avenue (continued)

Property known as 205-207 West Eleventh Avenue, being Lot #22, University Heights Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

K. Purchase of Buildings and Property, 123 West 11th Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Evelyn H. Roehl at a price of \$17,500.00:

Property known as 123 West Eleventh Avenue, being a 37.5' x 92' tract off the north end of Lot #8, John A. Evan's College View Addition, City of Columbus, County of Franklin, State of Ohio.

Dormitory funds are available for this purpose.

Upon motion of Mr. Allyn, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

L. Purchase of Buildings and Property, 5274 Sawmill Road

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Robert L. Barton, Executor of the Estate of Cordelia Smith, deceased, at a price of \$9,000.00:

Property known as 5274 Sawmill Road, being a 0.98 acre tract beginning at a point in the centerline of Sawmill Road, which point bears North 7 degrees 30 minutes East, 672.00 feet from the intersection of the centerlines of said Sawmill Road and Case Road; thence continuing North 7 degrees 30 minutes East, along the said centerline of Sawmill Road, a distance of 139.00 feet to a point; thence South 82 degrees 4 minutes East, passing an iron pin at 30.0 feet, a distance of 307.10 feet to an iron pin; thence South 7 degrees 30 minutes West, a distance of 139.00 feet to an iron pin; thence North 82 degrees 4 minutes West, passing an iron pin at 277.10 feet, a distance of 307.10 feet to the Point of Beginning; Perry Township, County of Franklin, State of Ohio.

Funds are available in the University Treasurer General Fund for this purchase.

Upon motion of Mr. Allyn, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote.

April 14, 1966 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

M. Addition to Dodd Hall - Employment of Architects

It was recommended that Dan A. Carmichael, Architect, be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee will be calculated on the basis of 6 per cent of the contract cost and funds will be provided from Item 016, H. B. 202, and a grant from Hill Burton Program funds.

Upon motion of Mr. Davis, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

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XI. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of William Francis Ashe, Professor Emeritus in the Department of Preventive Medicine; W. Randolph Lovelace, Clinical Assistant Professor in the Department of Preventive Medicine; and William McGlashan Duffus, Professor Emeritus in the Department of Business Organization. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. William Francis Ashe

The Board of Trustees expresses its sorrow at the death on February 27, 1966, of William Francis Ashe, Professor Emeritus, Department of Preventive Medicine.

Dr. Ashe was born in Braddock, Pennsylvania, on December 14, 1909. He was graduated with the A. B. degree from Oberlin College in Ohio and four years later received the M. D. degree from Western Reserve University School of Medicine. He interned at Lakeside Hospital and completed a residency in Internal Medicine at Cincinnati General Hospital. He remained at the University of Cincinnati with research and teaching responsibilities until the war years of 1942-1946. With the United States Army, Dr. Ashe, who attained a rank of Lt. Colonel, Medical Corps, was distinguished for his contributions to the Armed Force Medical Research Laboratory at Fort Knox, Kentucky. His next assignment was to the office of the Surgeon General as Associate Director, Nutrition Division. He later became Director, Nutrition Surveys, Office of Military Government in Germany. Dr. Ashe had extensive foreign travel, including trips under the auspices of the United States Government through Europe, the Far East, and South America. In connection with one nutrition survey carried on in Chile, Dr. Ashe was awarded one of the highest decorations of that country for his service in 1960 to the Chilean Government as Director of the Nutrition Committee of the National Defense Mission.

April 14, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

A. William Francis Ashe (continued)

After the war, Dr. Ashe became Associate Professor, Industrial Medicine, University of Cincinnati, for the years 1946-1950. His field of research was in human toxicology and in common air pollutants. Under the direction of Dr. Robert A. Kehoe, he developed the first three-year residency program in Occupational Medicine.

In 1950, Dr. Ashe accepted the appointment as Chief, Medical Service, Holzer Hospital, Gallipolis, Ohio. In 1954, Dr. Ashe gave up private practice in Southern Ohio to join the faculty of The Ohio State University, where he was made Professor and the first full-time Chairman of the Department of Preventive Medicine of the College of Medicine. In addition, he held an appointment as Professor, Department of Medicine. He served the University in these capacities until forced to retire in 1965 because of ill health. Under his creative leadership, an exemplary program for instruction of medical students in preventive medicine was developed. Dr. Ashe developed fully approved graduate programs in Nutrition, Occupational Medicine, and Aviation Medicine. He established the only full three-year program in Aviation Medicine outside of the military services. Thus, The Ohio State University became unique in offering such training to civilian physicians.

Dr. Ashe organized basic biometric and epidemiological courses which are a necessary part of training in Aerospace and Occupational Medicine. One of Dr. Ashe's last intensive efforts was in the implementation and procurement of new research facilities for the Department of Preventive Medicine in environmental health. The actual construction of a wing at Wiseman Hall is expected to start within a few months.

Within the University, Dr. Ashe was a member of the Faculty Advisory Committee to the President and Board of Trustees, 1963-1965; Chairman Curriculum Committee, College of Medicine, 1956-1961; and Co-ordinator of the Medical Education for National Defense Program, 1955-1965. Dr. Ashe has held the offices of President, American Academy of Occupational Medicine; Vice President, American College of Preventive Medicine; Editorial Board, Archives of Environmental Health; and Chairman, The American Medical Association Committee on Aerospace Medicine. Dr. Ashe was a Fellow in the Aerospace Medical Association and in the American College of Physicians. He was a member of the Committee on Biophysics of Clothing, National Research Council; and the National Advisory Committee on Hearing, Bioacoustics, and Biomechanics. He was certified by the American Board of Preventive Medicine (Occupational Medicine).

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.



XI. RESOLUTIONS IN MEMORIAM (continued)

B. W. Randolph Lovelace

The Board of Trustees expresses its sorrow at the death of W. Randolph Lovelace II, Clinical Assistant Professor, Department of Preventive Medicine.

Dr. W. Randolph Lovelace II was born in Springfield, Missouri, on December 30, 1907. Dr. Lovelace was destined to attain great distinction in the practice of medicine and in the council halls of the nation. He was educated at Washington University, St. Louis, and at Harvard Medical School where he received his medical degree in 1934 and went on to intern at Bellevue Hospital, New York City. He accepted a three-year Fellowship in Surgery at the Mayo Clinic, and after completion of his formal training he continued on at the Clinic. In this capacity, he was instrumental in establishing an Aeromedical Division and shared the credit for developing the BLB oxygen mask which was used so extensively by aviators in World War II. During the war years, Dr. Lovelace became Chief, Aeromedical Laboratory, Wright-Patterson Air Force Base, Dayton, Ohio. He was convinced of the necessity of testing a high altitude parachute jump. Disregarding personal danger, he successfully made a jump from an altitude of 42,000 ft. He experienced the extreme deceleration force that occurs at the moment of parachute opening at such altitudes. He is credited with having demonstrated the importance of delaying such action until after free fall to relatively low altitude. When relieved from active duty in 1946, Dr. Lovelace held the rank of Colonel, Air Force Reserves. In 1961, he was promoted to Brigadier General.

Dr. Lovelace left Rochester, Minnesota, to become associated with the Lovelace Clinic and very soon thereafter was a co-founder of the Lovelace Foundation, Albuquerque, New Mexico. He has been a member of The Ohio State University faculty as Clinical Assistant Professor, Department of Preventive Medicine, since 1961. This appointment recognized his participation in the three-year graduate training program for physicians in Aerospace Medicine. A relatively large number of residents from The Ohio State University have elected to be assigned for their year of "off-campus" field training to the Department of Aerospace Medicine and Bioastronautics, Lovelace Foundation. At the time of his death, Dr. Lovelace was Director of Space Medicine, National Space and Aeronautics Administration, an office into which he was sworn by President Lyndon Johnson, in June, 1964.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

April 14, 1966 meeting, Board of Trustees

XI. RESOLUTIONS IN MEMORIAM (continued)

C. William McGlashan Duffus

The Board of Trustees expresses its sorrow at the death on March 20, 1966, of William McGlashan Duffus, Professor Emeritus, Department of Business Organization, College of Commerce and Administration.

Professor Duffus was born in Waterbury, Vermont, on January 20, 1886. He received the A. B. degree from Stanford University (1910), the M. A. degree (1913), and the Ph.D. degree (1920) from the University of Wisconsin.

Prior to coming to The Ohio State University, Dr. Duffus was Assistant Professor of Economics, University of Kansas, 1915-1918, and Associate Professor, 1918-1920. He served as Professor of Economics, Boston University, 1920-1927; and as Visiting Professor at the Massachusetts Institute of Technology and the University of Tennessee during summer sessions. Professor Duffus joined the faculty at The Ohio State University in 1927 as Professor of Business Organization, where he remained until he retired in 1956.

In addition to his academic career, Professor Duffus was an investigator for the Wisconsin State Board of Public Affairs, 1911-1913; served with the Railroad Commission of Wisconsin, 1913-1915; worked with the Illinois Health Insurance Commission, summer 1918; and rendered valuable service as economist with the United States Tariff Commission, 1934-1935 and 1942-1945. In the forepart of 1942, he was business consultant to the Board of Economic Welfare. While serving in these positions, Professor Duffus performed valuable research on a number of projects.

Through the years Professor Duffus was an active member of the American Economic Association and the American Finance Association. He was a member of Phi Beta Kappa, Beta Gamma Sigma, and the Crichton Club.

Professor Duffus had a long rewarding career, both in the academic field and in government service. He was devoted to the University and the causes of education. He will long be remembered by all who knew him for his sincerity, friendliness, and dedication to his work.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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President Fawcett reported to the Board the receipt of a communication from Mr. Lawrence E. Laybourne, who had written in response to the Resolution in Memoriam for his late father who served on the Board from May 14, 1921 through May 13, 1938, which was adopted by the Board at its meeting on March 10, 1966. Mr. Laybourne expressed his deep appreciation to the Board and the feeling that the Resolution in Memoriam reflected very well his father's dedication to the University.

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## XII. REPORTS

### A. Report on Highlights of Campus Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

1. The University has been granted 34 First-Year National Science Foundation Traineeship Awards for 1966-67. The awards are made directly to the institution which in turn selects the students for doctoral study in the physical, biological and social sciences, engineering, and mathematics. This is the highest number granted to Ohio State in the three years of the program. Ohio State ranks fifth in the Big 10 and thirteenth nationally in the number of new awards.
2. The University has been granted 65 graduate fellowships in 15 departments of academic interest under the National Defense Education Act.
3. Two Ohio State students have been named Woodrow Wilson Fellows and twenty-four--twice as many as ever before--won honorable mention.
4. The Ohio Academy of Science will hold its 75th anniversary meeting April 21-23 at Ohio State, where the Academy was started in 1891.
5. The Ohio State chapter of Phi Beta Kappa has announced the election of 31 members to the national scholastic honorary society.
6. Recognition of administration and faculty achievement: President Novice G. Fawcett was elected president of the Ohio College Association during the organization's 95th annual meeting April 2; Professor Robert H. Bremner, Department of History, was elected president of the Ohio Academy of History; Dr. Lloyd M. Parks, Dean of the College of Pharmacy, was the 1966 recipient of the American Pharmaceutical Association Foundation Award for the Advancement of Pharmacy; Dr. James B. Christoph, Department of Political Science, will serve in Italy as a visiting professor in 1966-67 at the Bologna Center of the Johns Hopkins University's School of Advanced International Studies; Dr. Ernest G. Ehlers, Department of Mineralogy, has received a Fulbright Lectureship Award for teaching in The Netherlands during 1966-67; Professor Fred A. Zimmer, Jr., School of Art, has received a Fulbright Grant to do research in India; Dr. Edwin P. Hiatt, Professor of Physiology, has been elected a corresponding member of the life science section, International Academy of Astronautics; Professor John E. Horrocks, Department of Psychology, has been named editor of the "Journal of Genetic Psychology" and "Genetic Psychology Monographs."

April 14, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated March 31, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, May 12, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

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John T. Mount  
Secretary

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Alan B. Loop  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND TENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 12, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, May 12, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Alan B. Loop, Chairman, Jacob E. Davis, Stanley C. Allyn, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France, and James W. Shocknessy.

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Minutes of the last meeting were approved.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Modification of Master Plan

The official campus master plan, which was adopted by the Board of Trustees on February 16, 1962, has been modified on five occasions, always within the limits of the basic principles and concepts approved by the Board of Trustees in its original adoption.

The following additional changes are now proposed:

1. Modify the Medical Center area to reflect results of design studies on the first two new buildings (Nursing and Basic Science), and to provide slightly more space within the Loop Road for Medical Center expansion.
2. Modify slightly the land acquisition boundary along the south side of West Ninth Avenue to accommodate the realignment of the Loop Road.
3. Reverse the locations of the proposed buildings (a) Foreign Language Building and English Building, and (b) Horticulture and Forestry Building and Agronomy Building. These reversals are required by reason of the timing of appropriations for the proposed Foreign Language Building and the proposed Horticulture and Forestry facilities.

These changes are shown on the accompanying maps, identified as Exhibit A dated May 12, 1966, and are consistent with the principles and concepts approved by the Board of Trustees in adopting the master plan in 1962.

It was recommended that the Board of Trustees now approve the master plan changes as depicted on the accompanying maps, that all previous actions of the Board of Trustees with respect to the master plan and not contrary to the accompanying maps be reaffirmed, and that a copy of the said maps be filed by the Secretary with the "Campus Master Plan Study--Phase II" report submitted December 12, 1961.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendation was approved by unanimous vote.

B. Renaming of "Jones Tower"

At the request of the Dean of the Graduate School, who acted following a request from the Graduate Student Council, it was recommended that the building now identified as "Jones Tower" (by action of the Board of Trustees on September 7, 1962), to be erected at 101 Curl Drive, be renamed "Jones Graduate Tower." This action was recommended because of its intended use as a residence hall for graduate students.



May 12, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Renaming of "Jones Tower" (continued)

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. France, seconded by Mr. Davis, the Board of Trustees by unanimous vote approved the renaming of the residence hall located at 101 Curl Drive as "Jones Graduate Tower."

C. Establishment of Two-Year College (University College)

The establishment of a two-year college as an integral part of The Ohio State University and to be located on the western portion of the Columbus Main Campus has been a subject of study and planning by administration and faculty for well over three years. Initial action by the faculty was taken on December 8, 1964, when the Faculty Council voted to support the President in his intention to appoint a committee of the faculty to develop an educational plan for a two-year college. Appointed on December 22, 1964, this Committee submitted a 137-page report to the Office of Academic Affairs on December 2, 1965, entitled, "A Plan for Lower-Division Study on the Main Campus of The Ohio State University: The Proposed Educational Role for the New Two-Year College on the West Campus and Recommendations on the Interrelationships of All Lower-Division Curricula." Since then the report has been studied extensively by the Council on Instruction. During the Spring, 1965, the Committee presented an interim report to many councils and administrative units of the University. A report to the faculty of the University was made by the Committee at the regular Autumn Faculty Meeting held in Mereson Auditorium on December 2, 1965. A similar report was presented to the Board of Trustees of The Ohio State University on December 9, 1965.

On May 10, 1966, the Faculty Council approved a recommendation, as submitted by Vice President John C. Weaver for the Council on Instruction, that a two-year college offering lower-division programs of study be established.

It was recommended therefore that the following resolution be adopted:

WHEREAS, a two-year college to function under the open access policy of public higher education in the State of Ohio has been studied and approved by both administration and faculty of The Ohio State University; and

WHEREAS, the Ohio Board of Regents in its "Provisional Master Plan for State Policy in Support of Higher Education in Ohio," recommends assistance in the development of this college; and

WHEREAS, this college is intended to provide excellence in teaching and counseling and high-quality undergraduate programs of collegiate study at the lower-division level;

May 12, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Establishment of Two-Year College (University College) (continued)

NOW, THEREFORE, BE IT RESOLVED that this college be established effective July 1, 1966, as the University College of The Ohio State University to be located on the western portion of the Columbus Campus; and be it

FURTHER RESOLVED, in accordance with the usual policies and procedures, the President and Vice President for Business and Finance be authorized to proceed with plans for construction of the required facilities and obtain the necessary release of funds appropriated for this purpose in H. B. 949.

Upon motion of Mr. Ketterer, seconded by Mr. Davis, the Board of Trustees approved the above resolution by unanimous roll call vote.

D. Major Medical Insurance Contract

The passage of the Medicare Federal health insurance program requires detailed revisions in the University's Major Medical Program to provide for payments not covered by Medicare and to avoid duplicating payments available to the insured under the Medicare plan.

The Insurance Consultants for the University have made detailed recommendations for a revised University Major Medical Contract with the John Hancock Mutual Life Insurance Company. It was therefore recommended that the President and/or the Vice President for Business and Finance be authorized to proceed with such revisions in the Major Medical Contract as are necessary to conform to the Medicare plan for those employees who are 65 years of age and older.

Upon motion of Mr. France, seconded by Mr. Davis, the above recommendation was approved by unanimous vote.

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II. PERSONNEL CHANGES

In addition to the regular personnel changes recorded in the official "Salary Roll" since the April 14, 1966 meeting of the Board of Trustees, President Fawcett recommended that the following Appointments, Promotions, Changes in Administrative Responsibilities, Leaves of Absence Without Salary, and Emeritus Titles be approved by the Board:

A. Appointments

Marshall C. Yovits appointed as Professor of Information Science in the Office of Academic Affairs, at a salary of \$24,768.00 per annum, effective July 1, 1966.

Bradley Chapin appointed as Professor and Chairman of the Department of History, at a salary of \$23,268.00 per annum, effective October 1, 1966.

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Zvi Ankori appointed as a Visiting Professor to fill the Samuel and Esther Melton Professorship of Jewish History and Studies in the Department of History, at a salary of \$16,407.00 for the period, effective October 1, 1966 through June 30, 1967.

Patricia B. Boyd appointed as Assistant Dean of Women, Office of the Dean of Women, at a salary of \$3,863.00 per annum, effective August 1, 1966.

B. Promotions

Elmer F. Baumer from Professor, Department of Agricultural Economics and Rural Sociology, to Associate Dean in the Graduate School, at a salary of \$19,572.00 per annum, and Associate Dean in the newly established University College, without salary, effective July 1, 1966. He will continue to hold the rank of Professor in the Department of Agricultural Economics and Rural Sociology at No Salary.

Mervin G. Smith from Professor and Chairman, Department of Agricultural Economics and Rural Sociology, to Assistant Dean, International Affairs (part time - 79%), in the College of Agriculture and Home Economics, at a salary of \$16,200.00 per annum, effective September 1, 1966. He will continue to hold the rank of Professor (part time - 21%) in the Department of Agricultural Economics and Rural Sociology, at a salary of \$4,272.00 per annum.

C. Changes in Administrative Responsibilities

John J. Stephens III from Assistant Dean of Off-Campus Education to Assistant Dean in the University College, at a salary of \$14,268.00 per annum, effective July 1, 1966.

Dennis D. Bell from Director of the Lakewood Branch Campus to Assistant Dean of the University College and Coordinator of the Off-Campus Branches, at a salary of \$13,968.00 per annum, effective July 1, 1966.

D. Leaves of Absence Without Salary

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective July 1, 1966 through April 30, 1967, to continue to serve as consultant at the Punjab Agricultural University in India under The Ford Foundation grant.

May 12, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Rafael V. Chacon, Professor, Department of Mathematics, effective October 1, 1966 through September 30, 1967, to accept a Visiting Professorship at the University of Minnesota.

Harry L. Coles, Jr., Professor, Department of History, effective October 1, 1966 through September 30, 1967, to accept an appointment as the Ernest J. King Professor of Maritime History at the Naval War College, Newport, Rhode Island.

Roland J. Stanger, Professor, College of Law, effective October 1, 1966 through September 30, 1967, to continue to serve as Visiting Professor at Haile Sellasie University, Faculty of Law.

David Brody, Associate Professor, Department of History, effective October 1, 1966 through December 31, 1966, to engage in research and writing.

Robert J. Bumcrot, Assistant Professor, Department of Mathematics, effective October 1, 1966 through September 30, 1967, to pursue an educational program in England.

Joan Vernikos Danellis, Assistant Professor, Department of Pharmacology, effective July 1, 1966 through June 30, 1967, for personal reasons.

Jacoba C. de Neef, Assistant Professor, Department of Obstetrics and Gynecology, effective July 1, 1966 through June 30, 1967, to continue teaching and research in Rotterdam, The Netherlands.

Ralph E. Franklin, Jr., Assistant Professor (part time - 14%), Department of Agronomy, effective July 1, 1966 through June 30, 1967, to set up a radioisotope laboratory in Lima, Peru, for the International A. E. C. (This leave of absence voids the leave granted April 14, 1966.)

Luise C. Kappe, Assistant Professor, Department of Mathematics, effective July 1, 1966 through September 30, 1966, for personal reasons.

Leona A. Mourad, Instructor, School of Nursing, effective July 1, 1966 through September 30, 1966, to continue an educational program at The Ohio State University.

May 12, 1966 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### E. Emeritus Titles

W. Lloyd Sprouse, Office of Admissions, with the title Director of Admissions Emeritus, effective July 1, 1966.

T. Scott Sutton, College of Agriculture and Home Economics - Administration, with the title Associate Dean Emeritus, and Department of Animal Science, with the title Professor Emeritus, effective July 1, 1966.

Donald S. Bell, Department of Animal Science, with the title Professor Emeritus, effective July 1, 1966.

Nicholas T. Bobrovnikoff, Department of Astronomy, with the title Professor Emeritus, effective July 1, 1966.

Charles D. Cooper, Department of Engineering Drawing, with the title Professor Emeritus, effective July 1, 1966.

David S. Craig, Department of Business Organization, with the title Professor Emeritus, effective July 1, 1966.

Michael J. Jucius, Department of Business Organization, with the title Professor Emeritus, effective July 1, 1966.

Delbert Oberteuffer, Department of Physical Education - Men's Division, with the title Professor Emeritus, effective July 1, 1966.

Daniel M. Shonting, Department of Accounting, with the title Professor Emeritus, effective July 1, 1966.

Henry H. Simms, Department of History, with the title Professor Emeritus, effective July 1, 1966.

Grant L. Stahly, Department of Microbiology, with the title Professor Emeritus, effective July 1, 1966.

Harold R. Walley, Department of English, with the title Professor Emeritus, effective July 1, 1966.

J. Dean Wilson, Department of Botany and Plant Pathology, with the title Professor Emeritus, effective July 1, 1966.

Avery D. Pratt, Department of Dairy Science, with the title Associate Professor Emeritus, effective July 1, 1966.

Alva M. Tuttle, Department of Economics, with the title Associate Professor Emeritus, effective September 1, 1966.

May 12, 1966 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### E. Emeritus Titles (continued)

Lois Lampe, Department of Botany and Plant Pathology, with the title Assistant Professor Emeritus, effective September 1, 1966.

Dorothy C. Schreck, Library, with the title Assistant Professor Emeritus, effective July 1, 1966.

Upon motion of Mr. France, seconded by Mr. Davis, the Appointments, the Promotions, the Changes in Administrative Responsibilities, the Leaves of Absence Without Salary, the Emeritus Titles, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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## III. GENERAL CONTRACTS AND AGREEMENTS

### A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it was recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

#### 1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Constancy of Mandibular Rest Position (to be known as National Institutes of Health Project No. 907 - Ext. #6 - College of Dentistry).  
Gross Value - \$10,238.00.
- b. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C. , Milk Protein Changes at Elevated Temperatures (to be known as Bureau of State Services Project No. 1264 - Ext. #5 - Department of Dairy Technology).  
Gross Value - \$20,604.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effects of Viruses on Germ-free Dogs and Cats (to be known as National Institutes of Health Project No. 1356 - Ext. #4 - Department of Veterinary Pathology).  
Gross Value - \$48,954.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- d. Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C., Language Retraining for Aphasics (to be known as Vocational Rehabilitation Administration Project No. 1630 - Ext. #3 - Department of Speech).  
Gross Value - \$32,243.00.
- e. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as National Institutes of Health Project No. 1640 - Ext. #3 - Department of Chemistry).  
Gross Value - \$17,090.00.
- f. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Study of Eye Movements in Television Viewing (to be known as Office of Education Project No. 1819 - Amend. #3 - School of Education).  
Gross Value - \$32,565.00.
- g. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Intermittent Services for Contributive Research in Thermo-Mechanics (to be known as Systems Engineering Group, Research and Technology Division Project No. 1862 - Sup. #7 - RF Internal Supervision).  
Gross Value - \$100,000.00.
- h. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Dislocation Interactions in Relation to Mechanical Properties of Metals and Alloys (to be known as Systems Engineering Group, Research and Technology Division Project No. 1934 - C. O. #3 - Department of Metallurgical Engineering).  
Gross Value - \$26,868.00.
- i. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Techniques for Integrating Solid-State Circuitry Into Antennas (to be known as Systems Engineering Group, Research and Technology Division Project No. 2142 - Sup. #1 - Department of Electrical Engineering).  
Gross Value - \$60,000.00.
- j. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, National Symposium on Animal Waste Management (to be known as National Institutes of Health Project No. 2185 - New - Department of Agricultural Engineering).  
Gross Value - \$6,500.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- k. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, A Definitive Study of the Characteristic of Toughness of Engineering Materials (to be known as Systems Engineering Group, Research and Technology Division Project No. 2188 - New - Department of Metallurgical Engineering). Gross Value - \$20,000.00.
- l. U. S. Department of Labor, Office of Manpower, Automation and Training, Washington, D. C. , The Development and Utilization of Managerial Talent: A Labor Market Study of Managers in Manufacturing Establishments (to be known as Office of Manpower, Automation and Training Project No. 2189 - New - Department of Economics). Gross Value - \$1,899.00.
- m. National Science Foundation, Washington, D. C. , Support of 1966 Symposium on Molecular Structure and Spectroscopy at The Ohio State University (to be known as National Science Foundation Project No. 2191 - New - Department of Physics). Gross Value - \$2,380.00.
- n. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Histological Research on the Central Nervous System and Enzymes of the Inner Ear (to be known as Systems Engineering Group, Research and Technology Division Project No. 2192 - New - Department of Otolaryngology). Gross Value - \$12,236.00.

TOTAL - Government Contracts - Federal \$391,577.00

2. Industrial and Other Contracts

- a. American Iron & Steel Institute, 150 East 42nd Street, New York, New York, Properties of Liquid Iron and Steel (to be known as American Iron & Steel Institute Project No. 2031 - Amend. #1 - Department of Metallurgical Engineering). Gross Value - \$30,500.00.
- b. Columbus Board of Education, Columbus Public Schools, 270 East State Street, Columbus, Ohio, Evaluation for Columbus Public Schools - Title I, E-S Education Act of 1965 (to be known as Columbus Board of Education Project No. 2175 - Definitive Contract - School of Education). Gross Value - \$105,800.00.



May 12, 1966 meeting, Board of Trustees

### III. GENERAL CONTRACTS AND AGREEMENTS (continued)

#### A. The Ohio State University and The Ohio State University Research Foundation

##### 2. Industrial and Other Contracts (continued)

- c. Battelle Memorial Institute, Columbus Laboratories, 505 King Avenue, Columbus, Ohio, Bibliographic and Microfilm Library on Acclimatization to Terrestrial Altitude (to be known as Battelle Memorial Institute Project No. 2186 - New - The Ohio State University Libraries).  
Gross Value - \$46,000.00.

TOTAL - Industrial and Other Contracts \$182,300.00

The foregoing seventeen contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$573,877.00.

Upon motion of Mr. Davis, seconded by Dr. Thomas, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous vote.

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### IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since April 14, 1966, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

#### A. Administered Through the Office of Business and Finance

1. \$750,000.00 granted by National Science Foundation to the University for the project entitled "Expansion of Computer Center." This project is under the direction of Professor Roy F. Reeves, Computer Center, and is for a period of approximately three years, beginning July 1, 1966. (GP-5770)
2. \$222,130.00 granted by the Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the College Work-Study Program authorized under Title I, Part C, of the Economic Opportunity Act of 1964. (OE 38 45 0430)
3. \$78,539.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the program "Parasitology and Medical Entomology," under the direction of Dr. G. W. Wharton, Department of Zoology and Entomology, for the period July 1, 1966 through June 30, 1967. (Grant No. 2 T01 A100216-06)

May 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

4. \$49,835.00 granted by the Department of Health, Education, and Welfare, Welfare Administration, Children's Bureau, Washington, D. C. 20201, to the University for "Child Welfare Training Grant," under the direction of Professor Everett C. Shimp and Professor Leonard Schneiderman, School of Social Work, for the period July 1, 1966 through June 30, 1967. (Project No. 66-45)
5. \$30,000.00 granted by the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of the "Health Professions Scholarship Program," under the direction of Dr. Richard L. Meiling, Dean of the College of Medicine, for the period July 1, 1966 through June 30, 1967. (Grant No. 2-036-62137-12)
6. \$25,000.00 granted by National Science Foundation to the University for the purchase of Instructional Scientific Equipment. This grant is under the direction of Professor E. L. Jossem, Department of Physics, and terminates on April 30, 1968. (GY-1747)
7. \$14,550.00 granted by National Science Foundation to the University for support of an "In-Service Institute in Mathematics for Secondary School Teachers for 1966-67," under the direction of Professor Gerald E. Meike, Department of Mathematics, Dayton. This grant terminates on June 30, 1967. (GW-974)
8. \$10,650.00 granted by National Science Foundation to the University for support of an "In-Service Institute in Physics for Secondary School Teachers of Science and Mathematics for 1966-67," under the direction of Professor William R. Riley, Department of Physics. This grant terminates on June 30, 1967. (GW-832)

TOTAL - Through the Office of Business and Finance \$1,180,704.00

B. Received Through the Development Fund

1. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for research in the College of Medicine.
2. \$8,517.00 from The Charles F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
3. \$8,325.00 from Wyeth Laboratories, Philadelphia, Pennsylvania, for research in the Department of Obstetrics and Gynecology.
4. \$8,000.00 from Dorothy H. and Lewis Rosenstiel Foundation, New York, New York, for the Heart Holding Fund.
5. \$6,125.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

6. \$5,500.00 from Owens-Corning Fiberglas Corporation, Granville, Ohio, for the Owens-Corning Fiberglas Corporation Fund for Mechanical Engineering.
7. \$5,000.00 from Eli Lilly and Company, Indianapolis, Indiana, for research in the College of Medicine.
8. \$4,216.00 from the Grace High Washburn Trust for the Grace High Washburn Trust Scholarship Fund.
9. \$3,500.00 from Sandoz, Inc. for the Arthritis and Rheumatism Foundation.
10. \$2,546.25 from Mrs. William B. Jencks (Louise A.) for the William B. Jencks Memorial Fund.
11. \$2,000.00 from The Gluck Educational Foundation, Inc. and Arthur Gluck for the establishment of the Revered Teachers and Classmates Fund.

Revered Teachers and Classmates Fund

The Revered Teachers and Classmates Fund was established April 14, 1966, by a gift through the Development Fund from The Gluck Educational Foundation, Inc. and Arthur Gluck, to honor his favorite teachers, Elisha S. Loomis, at one time Professor of Mathematics at Baldwin University, his teacher at West High School, Cleveland, Ohio; the late Professors of Philosophy at The Ohio State University, Joseph A. Leighton, Albert R. Chandler, and Albert E. Avey; and his favorite classmates, D. Luther Evans, Professor Emeritus of Philosophy, The Ohio State University, and Oliver L. Riser, Professor Emeritus of Philosophy, University of Pittsburgh.

The principal is to be invested in accordance with Sec. 3345.16 G. C.

The income may be used to aid a graduate student of medicine who has successfully completed the general examinations toward the Ph.D. or Sc.D., or an equivalent terminal degree and has selected a research project in the field of hypertension. The income may be used along with other monies available to supplement a stipend or a research project in the aforementioned field.

The income is to be awarded only for basic research (not for applied technology or for a clinical project) in the College of Medicine. The appointment of the recipient of this money is to be made by Dwight M. Palmer, M.D., the Director of the Division of Neurology, in consultation with Dr. Richard L. Meiling, Dean of the College of Medicine.

May 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

11. Revered Teachers and Classmates Fund (continued)

In the event the need for this income in the area stipulated should cease to exist or so diminish as to create unused income, then the Board of Trustees may use said income in its discretion, preference to be given, however, to basic work in the field of medicine but not to any applied technology.

12. \$1,000.00 from Chevron Oil Company for the California Company Geology Department Fund.
13. \$1,000.00 from Mrs. Dolly Lurie Cohen for the Student Athlete Grant-in-Aid Fund.
14. \$1,000.00 from J. Parker Garwick for a purpose to be designated later.
15. \$1,000.00 from Thomas F. Patton for a purpose to be designated later.
16. \$1,000.00 from Henry G. Schmidt for the Ottawa Club Fund.

TOTAL - Received Through the Development Fund \$68,729.25

C. Gifts-in-Kind

1. Two Regency 505 Transponders from Regency Avionics for the Department of Aviation.
2. A collection of 880 volumes of texts, reports, statutes, digests, and other materials from Everette B. and Lawrence E. Laybourne for the Law Library of the College of Law. These items were the property of the late Lawrence E. Laybourne, a member of the Board of Trustees from May 14, 1921 through May 13, 1938.

Upon motion of Mr. Allyn, seconded by Dr. Thomas, the acceptance of the above grants and gifts was approved by unanimous vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

In March, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	17,359	\$173,179.29
Individuals other than alumni	98	7,649.55
Nonprofit organizations	54	36,704.05
Business concerns	14	34,159.79
	<u>18,025</u>	<u>\$251,692.68</u>

May 12, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund (continued)

Of these gifts, 15,752 totaling \$106,894.75 were undesignated and 2,273 totaling \$144,797.93 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation for Purchase of Instructional Equipment

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it was recommended that a sum not to exceed \$31,800.00 be appropriated from the University Treasurer Research Subaccount (f) to be combined with \$25,000.00 from the National Science Foundation for the purchase of instructional scientific equipment in the Department of Physics.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

B. Ohio Journal of Science

Upon the request of the Joint Administrative Board of the Ohio Journal of Science and with the concurrence of the Vice President for Research, it was recommended that \$3,000.00 be appropriated from Account No. 122120 for the use of the Ohio Journal of Science for the period from July 1, 1966 through June 30, 1967.

Upon motion of Mr. France, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote.

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VI. EXTRA ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, it was recommended that the Extra Orders to Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Engineering Classrooms and Laboratories	\$24,709.29
2. Mansfield Campus, General Academic Facility	12,773.81
3. Lima Campus, General Academic Facility	6,324.55
4. Pharmacy Building	<u>1,396.00</u>
	<u>\$45,203.65</u>

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

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May 12, 1966 meeting, Board of Trustees

## VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it was recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

### A. Food Facility, Phase III

This project provides for the addition of a Test Kitchen, Lunch Room, and Control Laboratory; and remodeling in the Bakery, Pot and Pan Wash Room, Boiler Room, Offices, and Rest Rooms.

Funds for this project will be provided from Dormitory Revenue.

### B. University Airport--Apron and Taxiway Surfacing

This project provides a new blacktop surface to the ramp and a portion of the taxiways.

Funds for this project will be provided from Budget Account 121658.

### C. Pomerene Hall--Modernization of Air Conditioning

This project provides a new central heating, ventilating, and air conditioning system with additional outdoor air to compensate for present shortage of make-up air for kitchen exhaust system.

Funds for this project will be provided from Budget Account 157400.

### D. Roof Repairs for 1966

This project will provide roofing repairs for the Alumni House, Arps Hall, Dentistry Building, Hamilton Hall, Mershon Auditorium, Robinson Laboratory, and Upham Hall.

Funds for this project will be provided from Budget Accounts 121658 and 960200.

### E. Masonry Repairs for 1966

This project will provide masonry repairs for the Administration Building, Arps Hall, Boyd Laboratory, Dentistry Building, Engineering Experiment Station, Fine Arts, Hamilton Hall, Law Building, Lord Hall, Ohio Legal Center, Oxley Hall, Research Center, Sisson Hall, Stillman Hall, and Stores and Receiving Building.

Funds for this project will be provided from Budget Accounts 121658 and 998200.

VII. PLANS AND SPECIFICATIONS (continued)

F. Street Repairs for 1966

This project provides paving, surface treatment, and sealing gutters on Fyffe Road, Neil Avenue, Coffey Road, Incinerator Road, Service Road, and Stadium Drive.

Funds for this project are provided from Budget Account 121653.

G. Exterior Painting for 1966

This project provides repainting the exterior of Aeronautical Engineering, Brown Hall, Caldwell Laboratory, Dental Building, Hamilton Hall, Law Building, Pomerene Hall, and St. John Arena.

Funds for this project will be provided from Budget Account 121658.

H. Parking Ramp, Arps Hall Area

This project is a concrete structure designed to park 631 cars with a base-level and eight staggered levels above ground.

Funds for this project will be provided from Budget Account 801067.

Upon motion of Mr. Allyn, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. Hamilton Hall - Repairs to Rooms 200 and 201

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 2-28-66)		
Waller and Lund, Inc. (Columbus)		
Base Bid	\$ 2,190.00	\$ 4,051.00
Alt. G-1 Suspended Ceiling	+ 785.00	+ 900.00
Total	\$ 2,975.00	\$ 4,951.00

May 12, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Hamilton Hall - Repairs to Rooms 200 and 201 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(4 bids received 2-28-66)		
Mid-City Electric Company (Columbus)		
Base Bid	\$ 2,659.00	\$ 4,341.00
Alt. E-1 Revised Lighting System	- 200.00	- 100.00
Total	<u>\$ 2,459.00</u>	<u>\$ 4,241.00</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(3 bids received 2-28-66)		
Comfort Contractors (Columbus)	\$ 4,593.00	\$ 5,776.00
<u>Plumbing Contract</u>		
(3 bids received 4-8-66)		
Main Plumbing Company (Columbus)	\$ 1,467.96	\$ 3,500.00
<u>Laboratory Equipment Contract</u>		
(2 bids received 4-8-66)		
Sheldon Equipment Company (Muskegon, Michigan)	\$ 4,997.00	\$ 6,031.00
Total Contracts	<u>\$ 16,491.96</u>	<u>\$ 24,499.00</u>

Funds for this project are provided from Budget Account 129090.

B. Hamilton Hall - Repairs to Rooms 107, 114, 115A, 115B, 204A, and 214A

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 2-28-66)		
Robert H. Johns Company (Columbus)		
Base Bid	\$ 5,116.00	\$ 8,027.00
Alt. G-1 Suspended Ceiling	+ 1,148.00	+ 1,300.00
Total	<u>\$ 6,264.00</u>	<u>\$ 9,327.00</u>
<u>Electrical Contract</u>		
(4 bids received 2-28-66)		
Mid-City Electric Company (Columbus)		
Base Bid	\$ 2,745.00	\$ 6,513.00
Alt. E-1 Revised Lighting System	- 200.00	- 100.00
Total	<u>\$ 2,545.00</u>	<u>\$ 6,413.00</u>
<u>Plumbing Contract</u>		
(3 bids received 4-8-66)		
Main Plumbing Company (Columbus)	\$ 4,235.14	\$ 6,008.00



May 12, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

B. Hamilton Hall - Repairs to Rooms 107, 114, 115A, 115B, 204A, and 214A  
(continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Laboratory Equipment Contract</u> (2 bids received 4-3-66)		
American Woodwork Supply Company (Columbus)	\$ 7,983.00	\$ 11,452.00
<u>Total Contracts</u>	<u>\$ 21,027.14</u>	<u>\$ 33,200.00</u>

Funds for this project are provided from Budget Account 129090.

C. Research Center Offices - Repairs and Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 4-22-66)		
Payt Construction Company (Columbus)		
Base Bid	\$ 12,725.00	\$ 16,000.00
Alt. G-1 Basement Corridor Flooring and Painting	525.00	600.00
Alt. G-4 Installation of Air Condition- ing	390.00	700.00
Total	<u>\$ 13,640.00</u>	<u>\$ 17,300.00</u>
<u>Electrical Contract</u> (3 bids received 4-22-66)		
Reco Electric (Columbus)		
Base Bid	\$ 11,525.00	\$ 15,500.00
Alt. E-1 Complete Telephone System	333.00	1,000.00
Alt. E-3 Wiring for Air Conditioning	740.00	900.00
Total	<u>\$ 13,098.00</u>	<u>\$ 17,400.00</u>

The Heating, Ventilating, and Air Conditioning and Plumbing bids were over the estimate of cost and will be readvertised at a later date.

Funds for this project will be provided from Research Foundation funds.

D. Aircraft Apron and Fire-Crash and Rescue Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 5-3-66)		
Payt Construction Co., Inc. (Columbus)		
Base Bid	\$ 62,490.00	\$ 64,844.00
Alt. G-1 Steel Garage Doors	175.00	300.00
Total	<u>\$ 62,665.00</u>	<u>\$ 65,144.00</u>

May 12, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Aircraft Apron and Fire-Crash and Rescue Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u> (3 bids received 5-3-66)		
Bruner Corporation (Columbus)	\$ 18,954.00	\$ 19,363.00
<u>Heating and Ventilating Contract</u> (4 bids received 5-3-66)		
Zack Plumbing and Heating (Columbus)	\$ 11,635.00	\$ 12,582.00
<u>Electrical Contract</u> (2 bids received 5-3-66)		
Sterling Electric Co. (Dublin, Ohio)	\$ 14,200.00	\$ 16,730.00
<u>Air Craft Apron Contract</u> (3 bids received 5-3-66)		
Farley Paving, Inc. (Columbus)	\$ 35,302.65	\$ 38,429.00
<u>Total Contracts</u>	<u>\$142,756.65</u>	<u>\$152,248.00</u>

Funds for this project will be provided from a grant from the Federal Aviation Agency and Budget Account 179011.

Upon motion of Mr. Ketterer, seconded by Mr. Jones, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

IX. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 49 Approves negotiation for the purchase of property located at 132 West Tenth Avenue at a cost not to exceed \$16,000.00 and if negotiation fails, to initiate appropriation action.
- 50 Approves the transfer of \$179,495.00 from Item 027 Graduate Research Center for Engineering and Physical Sciences to Item 005 Physics and Astronomy Building and releases this money for the laboratory and classroom equipment contract.
- 51 Approves the transfer of \$80,227.00 from Item 027 Graduate Research Center for Engineering and Physical Sciences to Item 010 Chemistry Research Facilities to provide for laboratory benches.

Board of Regents

- 35 Approves the transfer of \$900,000.00 from Item 006 University Branches to Item 050 Mansfield Campus, Phase II, and releases \$43,000.00 of this amount to provide funds for planning this project.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Michael Linn Schimmel be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Schimmel, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. Davis, seconded by Mr. France, the above recommendation was approved by unanimous vote.

B. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Richard Harold Thomas be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Thomas, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. Davis, seconded by Mr. France, the above recommendation was approved by unanimous vote.

C. Purchase of Buildings and Property, 235 West Tenth Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Phyllis A. Owen at a price of \$20,000.00:

Property known as 235 West Tenth Avenue, being Lot 45 except a 5' x 30' tract off the southwest corner, Elizabeth J. McMillen's University Addition, City of Columbus, County of Franklin, State of Ohio.

Funds are available from Parking Revenue.

Upon motion of Mr. Ketterer, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

D. Employment of Engineers - Research Space, East Side of Stadium, Phase IV

It was recommended that the firm of Jones-Stuckey, Ltd. be employed to provide complete professional engineering services for the structural work for the above project, including design, preparation of drawings, specifications, estimate of cost, bidding documents, and complete field supervision of construction.

May 12, 1966 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Employment of Engineers - Research Space, East Side of Stadium, Phase IV (continued)

The fee will be calculated on the basis of 6 per cent of the structural contract or an estimated \$6,420.00. Funds will be provided from the University Treasurer Research Account.

Upon motion of Mr. Allyn, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

E. Employment of Architects - General College (University College), Building #2 (Laboratory Building)

It was recommended that the firm of Brubaker & Brandt be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be calculated on the basis of 6 per cent of \$1,000,000.00, 5 1/2 per cent of the next \$1,000,000.00 and 5 per cent of all over \$2,000,000.00. Funds will be provided from Item 037, H. B. 949, for this project.

Upon motion of Mr. Allyn, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

F. Employment of Architects - Service Center--Laundry, Phase II

It was recommended that Richard D. Levin be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be calculated on the basis of 6 per cent of the construction cost or an estimated fee of \$29,616.00. Funds for this project are provided from Budget Account 301059.

Upon motion of Mr. Allyn, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

G. Employment of Architects - University Printing Facility, Phase II

It was recommended that Richard D. Levin be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be calculated on the basis of 6 per cent of the construction cost or an estimated fee of \$24,930.00. Funds for this project are provided from general University funds.

Upon motion of Mr. Allyn, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

H. Employment of Architects - University Hospital, Renovating  
Operating Rooms 1 through 6 and Related Areas

It was recommended that Dan A. Carmichael be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be calculated at 10 per cent of the cost of construction or an estimated fee of \$21,660.00. Funds will be provided from the Hospital Rotary.

Upon motion of Mr. Ketterer, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

I. River Towers Laundry Equipment - Internal Loan

The acquisition of the necessary laundry equipment for the River Towers involves a purchase of \$42,000.00 worth of apparatus which will be self-liquidating. In order to implement the purchase, however, it was recommended that the sum of \$42,000.00 be transferred from Account 179992 to Account 911685 for this purpose and that repayments be made on the basis of 5 per cent interest payable upon the balance of the loan in accordance with accepted commercial practice. It is estimated that repayments will take three years.

Upon motion of Mr. France, seconded by Mr. Davis, the above recommendation was approved by unanimous roll call vote.

J. Wright State Campus - Student Center

The Wright State Campus Advisory Committee has requested The Ohio State University to act in its behalf to implement the design of a Student Center to be built from the proceeds of self-liquidating revenue bonds (or gifts), which the proposed new university will issue (or receive) after it obtains legal authority to do so.

Inasmuch as Wright State Campus is not now completely independent and the Advisory Committee desires the cooperation of The Ohio State University and Miami University in moving the project forward, the following action was recommended, contingent upon the transfer of funds from the Dayton Campus Capital Improvements Campaign residues in sufficient quantity to cover all costs; and with the further proviso that no funds of The Ohio State University or Miami University will be used for this facility and the corollary expenses pertaining thereto. It was therefore recommended that:

The Director of Public Works be requested to appoint the Dayton architectural firm of Yount, Sullivan and Lecklider as project architects at an estimated fee for preliminary plans only of 1.2 per cent of \$950,000.00, the estimated project cost, or \$11,400.00.

May 12, 1966 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

J. Wright State Campus - Student Center (continued)

It was further reported in respect to this project that pursuant to Board action taken on February 10, 1966, the Attorney General of the State of Ohio has been requested to appoint the firm of Squire, Sanders and Dempsey as bond counsel for this project, with the same understanding concerning their compensation as delineated above for architects.

Upon motion of Mr. Allyn, seconded by Dr. Thomas, the above report and recommendation was approved by unanimous roll call vote.

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XI. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Charles A. Kuntz, Comptroller Emeritus of the University. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board has been furnished the family of the deceased.

A. Charles A. Kuntz

The Board of Trustees expresses its sorrow at the death on April 13, 1966, of Charles A. Kuntz, Comptroller Emeritus of the University.

Mr. Kuntz was born in Zanesville, Ohio, on March 25, 1895. He was a graduate of Zanesville High School and of Meredith Business College.

His service with the University began in April, 1916, and he was appointed its Comptroller on May 15, 1918. In that important capacity he served until his retirement on October 31, 1956.

As one of the early members of the Association of College and University Business Officers in the Middle West, he served as Secretary of that organization from 1927 to 1933 and was elected President for the year 1937-38. He was also a member of the Association of College and University Business Officers in the State of Ohio.

Mr. Kuntz was active in accounting affairs, maintaining membership in the Columbus Chapter of the National Association of Accountants, in which he served as Director, Secretary, Vice President, and President. He was also a member of the Controllers Institute of America and the American Institute of Management.

In June, 1955, Mr. Kuntz received the University's Distinguished Service Award. His citation on that occasion called attention to the fact that during his tenure as Comptroller the University's expenditures had grown from \$2, 150, 000 annually to more than \$45, 000, 000, although this was only one measure of its development. It emphasized, in particular, that "His long period of service testifies to its excellence and to the high regard in which he has been held by administrators of the University and other associates."

XI. RESOLUTION IN MEMORIAM (continued)

A. Charles A. Kuntz (continued)

It stressed further that "Outside the University, he has long been respected and admired by members of his profession." If anything, the last decade of his life only enhanced these sentiments about him.

Modesty and self-effacement were among Mr. Kuntz's fine qualities. He gave service above self and often went out of his way to help others. During his long and faithful service, he worked under four presidents and an acting president. He was one of that devoted group of staff members who, between 1916 and 1956, grew with the University, and whose service to it was marked by unusual fidelity and competence.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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XII. REPORTS

A. Department of Defense Facility Security  
Clearance for The Ohio State University

Secretary Mount advised that the security representative from the U. S. Department of Defense, Office of Industrial Security, has requested that the resolution initiated by that office and adopted by the Board of Trustees at its meeting held on April 14, 1966, be amended to specifically identify those officials of the University designated for security clearance. By unanimous agreement the following resolution was adopted as a substitute for the resolution adopted on April 14, 1966, pertaining to facility security clearance.

WHEREAS, current Department of Defense regulations contain a provision whereby a university may designate from amongst its officers a managerial group having the authority and responsibility for the negotiation, execution, and administration of classified contracts with the Department of Defense or its User Agencies; and

WHEREAS, the Board of Trustees have designated the incumbents of the following positions to be such a managerial group: the President, Vice President for Business and Finance, Vice President for Research, and Vice President for Educational Services and Secretary of the Board of Trustees.

NOW, THEREFORE, BE IT DECLARED that all members of the aforesaid managerial group at the present time do possess, or will be processed for, the required security clearance; and

XII. REPORTS (continued)

A. Department of Defense Facility Security  
Clearance for The Ohio State University (continued)

BE IT RESOLVED that in the future, when any individual enters upon the duties as a replacement for the incumbent of any of the above positions designated to be part of the managerial group, such individuals shall immediately make application for required security clearance; and

BE IT RESOLVED FURTHER that other officers and trustees of the University who do not require access to classified information in the conduct of the University's business need not be processed for a security clearance, but said persons can be effectively denied, and shall not be granted access to classified information in the possession of the University and shall not hold any position that would enable them to affect adversely the University's policies or practices in the performance of classified contracts, or the Department of Defense, or its User Agencies.

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated April 30, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

C. Alumni Distinguished Teaching Awards

The Secretary was instructed to record in the minutes of this meeting the names of those members of the faculty who were honored at the Spring Quarter Faculty Meeting on April 21, 1966, and presented with the Alumni Distinguished Teaching Awards. They were as follows:

Dr. Thomas B. Calhoon, Associate Professor in the Department  
of Physiology

Dr. Ernest O. Doebelin, Associate Professor in the Department  
of Mechanical Engineering

Dr. Leo A. Estel, Associate Professor in the Department of  
Sociology and Anthropology

Dr. Gordon K. Grigsby, Assistant Professor in the Department  
of English

Dr. Sidney E. White, Associate Professor in the Department of  
Geology

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May 12, 1966 meeting, Board of Trustees

XIII. ELECTION OF OFFICERS

Mr. Jones moved that the following-named persons be placed in nomination as officers for the Board of Trustees, whose terms of office shall be effective May 14, 1966, and shall continue through the May, 1967, meeting of the Board:

Chairman - Jacob E. Davis

Vice Chairman - Stanley C. Allyn

Secretary - John T. Mount

Treasurer - Gordon B. Carson

Dr. Thomas seconded the motion, and the above-named persons were elected to the offices as indicated by unanimous vote of the Board.

President Fawcett, speaking on behalf of the University family, expressed words of sincere appreciation and gratitude to Mr. Alan Loop for the gracious and cooperative leadership he has given throughout his seven years on the Board of Trustees and especially during his term of office as Chairman.

Mr. Stanley C. Allyn and Mr. Jacob E. Davis, speaking for the Board of Trustees, followed with expressions of high commendation and deep appreciation for the effective and dedicated service rendered by Mr. Loop in his capacity as Chairman of the Board of Trustees during one of the most significant periods in the history of the University.

Mr. Loop responded with the following statement:

I am certain we all join in heartfelt congratulations to the new officers and extend to them our best wishes for their terms of office.

During the last twelve months, this Board has been confronted with a very full schedule of business of the University and, in addition, there has been a vast amount of time devoted by the Trustees to participation in important committee work. To each of you, I extend my appreciation for your enthusiastic cooperation, assistance and advice.

One year ago this month, retiring Chairman Smith Rairdon presented me with this gavel, made of fine polished Buckeye wood, for my use as Chairman of this Board. Based upon our experience of the last twelve months, there will be few, if any, dull moments for our newly elected Chairman; so, with pleasure, I give over this Buckeye gavel to Chairman Davis for use as an effective tool in carrying out his future responsibilities.

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May 12, 1966 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 9, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

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John T. Mount  
Secretary

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Alan B. Loop  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND ELEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 9, 1966

The Board of Trustees met at its regular monthly meeting on Thursday, June 9, 1966, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Jacob E. Davis, Chairman, Stanley C. Allyn, John W. Bricker, John G. Ketterer, Frederick E. Jones, Mervin B. France, and James W. Shocknessy.

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Minutes of the last meeting were approved.

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The Secretary was authorized to make the following correction in the minutes for the March 10, 1966 meeting: That the honorary degree, Doctor of Literature, approved for Andrew Denny Rodgers III be changed to the honorary degree, Doctor of Letters.

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#### Adjustment in Student Fees

President Fawcett presented the following statement concerning the adjustment in student fees to be effective for the Autumn Quarter 1966:

As I have stated a number of times, I have a deep concern about the level of student fees in public institutions of higher education. As members of the University administrative staff began work on the 1966-67 budgets, I insisted that every effort be made to maintain our student fees at a reasonable level. I am reluctantly persuaded that in spite of the efforts which we have made and which have been made by the Board of Regents and Ohio legislative and executive agencies to provide increased tax support for higher education in Ohio, an increase in student fees is necessary to maintain the continued growth in quality of the programs of this University.

The proposed fee increase of \$25.00 per quarter for resident students and \$46.00 per quarter for out-of-state students will result in academic year fees (three quarters) of \$450.00 for resident students and \$1,008.00 for out-of-state students. This fee structure will continue Ohio State's position as the state university in Ohio with the lowest level of fees. Ohio resident fees at other state universities in Ohio for 1966-67 have been announced to be as follows: Bowling Green - \$540.00; Central State - \$500.00; Kent - \$510.00; Miami - \$520.00; Ohio University - \$500.00; Cleveland State - \$495.00. We must recognize, however, that resident fees at Ohio State have been and continue to be higher than those at any other state-assisted university in the Western Conference (Big 10). While our tax support, both in terms of total dollars and in terms of dollars per student, has increased in recent years, the cost of higher education and particularly the costs of recruiting and retaining high-quality faculty members have increased even more. It is obvious, therefore, that the efforts of the Board of Regents and of the agencies of state government in Ohio to provide increased tax support for higher education must continue.

I must also point out that several new ideas for appropriating tax funds to state universities in the coming biennium may be considered by the General Assembly of Ohio. These plans, based on various formulas providing dollar levels of support per student, probably will include factors related to fee income. We will study such proposals in the hope that we can work to insure that formulas will not be adopted which will require student fee income in 1967-69 greater than that anticipated from the fee schedules I am recommending today. We cannot guarantee, however, that the plan finally adopted by the General Assembly will permit us to maintain this fee level.

June 9, 1966 meeting, Board of Trustees

Adjustment in Student Fees (continued)

With this background, President Fawcett presented the following formal recommendations:

As a result of a very careful analysis of the fiscal resources available to The Ohio State University for the 1966-67 fiscal year, it is concluded that a reasonable advance in student fees is necessary if the University is to (1) continue its planned improvement in the quality of its educational program and (2) remain in a competitive position in its attempt to retain and recruit faculty and staff. It is therefore recommended that to provide the necessary additional revenue to supplement the state subsidy appropriation as authorized by the General Assembly of Ohio, an increase in the amount of \$25.00 per quarter in the Instruction and General Fee and an additional increase in the amount of \$21.00 in the Out-of-State Tuition Fee be approved, effective Autumn Quarter 1966.

In accordance with a request from the Board of Regents to simplify the nomenclature for the student fee structure in all state-assisted universities, it is recommended that the Board of Trustees approve (1) combining the Incidental Fee and Consolidated Laboratory Fee into a category hereafter referred to as the Instruction and General Fee; (2) consolidating the Student Services Fee and Student Facilities Fee into a single category, identified as the Student Services Fee; and (3) renaming the fee for nonresident students as the Out-of-State Tuition Fee. The new schedule of student fees per quarter for The Ohio State University shall be as indicated below:

College or School	Instruction and General	Student Services	Resident Total	Out-of-State Tuition	Non- Resident Total
Agriculture and					
Home Economics	\$130	\$20	\$150	\$186	\$336
Arts and Sciences	130	20	150	186	336
Biological Sciences	130	20	150	186	336
Commerce and					
Administration	130	20	150	186	336
Education	130	20	150	186	336
Engineering	130	20	150	186	336
Graduate School	130	20	150	186	336
Dentistry	250	20	270	186	456
Dental Hygiene and					
Dental Laboratory					
Technology	178	20	198	186	384
Law	158	20	178	186	364
Medicine*	250	20	270	186	456

\*Pursuant to action of the Board of Trustees on January 14, 1965, third- and fourth-year students enrolled in the Doctor of Medicine degree program of the College of Medicine are enrolled in a year-round program of courses and are assessed fees on an annual basis payable in two installments, June 15 and December 15. The annual rate for such resident students for the 1966-67 academic year shall be \$810.00 for resident students and \$1,368.00 for nonresident students.

June 9, 1966 meeting, Board of Trustees

Adjustment in Student Fees (continued)

College or School	Instruction and General	Student Services	Resident Total	Out-of-State Tuition	Non- Resident Total
School of Allied Medical Services	\$130	\$20	\$150	\$186	\$336
School of Nursing	130	20	150	186	336
School of Optometry	168	20	188	186	374
Pharmacy	136	20	156	186	342
Veterinary Medicine	170	20	190	186	376
Branches	130	20	150	186	336

All other fees previously approved by the Board of Trustees shall remain unchanged.

Mr. Mervin France moved and Mr. John Ketterer seconded the motion that the President's recommendations to increase fees and to consolidate and to rename certain student fees be approved.

Mr. Shocknessy asked for a clarification of the increases in student fees for resident students as compared with nonresident students.

The President responded by indicating that the student fees for nonresident students will be increased \$25.00 per quarter and that the nonresident students would have their fees increased by \$46.00--an increase of \$25.00 for all students plus an additional increase of \$21.00 for out-of-state students.

Mr. Shocknessy followed with the question, "Can the budget for the next fiscal year be balanced without an increase in student fees?"

President Fawcett responded by stating that the proposed increases in student fees are necessary to meet the projected expenses for the next fiscal year.

Mr. John Bricker commented that he was opposed to student fee increases and indicated that in his opinion the trend to increase student fees is in violation of the concept for the "Land-Grant University" system and that students now pay more than their appropriate share. He added that he disliked to see student fees increased if there could be some other way of balancing the budget. However, he pointed out that "The administration has done a magnificent job in preparing the proposed budget for the next fiscal year and that it is the most complete, most detailed, and most comprehensive budget ever presented to the Board. Since the increase in student fees is an integral part of the whole budget for the coming year, it would upset the whole 'apple cart' if the increase is not approved and I shall not vote against it."

Upon a roll call vote, the Board voted unanimously in favor of the motion. Mr. Shocknessy in casting his affirmative vote indicated that he would vote for the increase in student fees quite reluctantly and with the hope that in the future it will be possible for the fees to be reduced rather than increased. He added he was voting for the increase in student fees because the budget cannot be balanced otherwise.

June 9, 1966 meeting, Board of Trustees

Budgets for the 1966-67 Fiscal Year

President Fawcett presented the following statement pertaining to the recommended budgets for the 1966-67 fiscal year:

The budgets for 1966-67 which I bring to you today represent a new departure in budget recommendations for The Ohio State University. We have developed a complete, unified, University budget document which is based upon the total estimated revenue for the 1966-67 fiscal year and which provides expenditure estimates for all current operations of the University for the next fiscal year. The budget proposal is based upon the concept that the University will continue to improve the quality of its programs and that the budget document is indeed to be considered as an educational instrument. These expenditure estimates total \$121,947,357.00 for 1966-67 compared with estimated expenditures of \$108,945,037.00 for 1965-66. This increase of expenditures from all funds--both general and restricted--amounts to about \$13 million of which almost exactly one-half is due to increased personal service budgets. Almost \$2 million of the increase is for general operating expenses exclusive of personnel and another nearly \$2 million is estimated to be accounted for by increased income and expenses through gifts, grants, and contracts. The University Hospital expenditures and income provide almost \$1 million of the increase and dormitory and other auxiliary activities account for over \$800,000.00. The balance of the increase is for such activities as the branch campuses, the Cooperative Extension Service, and student services.

Of major importance in these budgets is the personal service budget in support of salaries for regular faculty, staff, civil service, and other personnel. The increase in the general personal service budget for 1966-67 over 1965-66 is approximately six million dollars. This increase will provide merit salary increases and adjustments to meet salary competition for about two-thirds of our regular faculty and will increase the overall faculty salary average by 5.4 per cent. With this increase, we should maintain a median position among state-supported universities in the Big 10 and remain among the top 20 state-assisted institutions reporting salary data to the American Association of University Professors.

Equivalent salary adjustments have been made for non-faculty professional personnel in addition to providing for the mandated increases for civil service personnel--increases about double the usual amount due to salary increases voted by the General Assembly in 1965. The personal service budget also provides for necessary new personnel at all levels to maintain existing programs, to maintain new facilities coming "on line", and to undertake a limited number of new ventures such as the program in information science. Similar adjustments in personal service accounts are reflected in the budgets of the University Hospital, the Cooperative Extension Service, and the Athletic Department. These three budgets, incidentally, which up until this year were presented to you in separate resolutions, reflect the following changes for 1966-67 over 1965-66. The University Hospital budget increases by \$965,050.00 to a total of \$15,495,380.00; the Cooperative Extension Service budget--which will require further action following the completion of Congressional action

June 9, 1966 meeting, Board of Trustees

Budgets for the 1966-67 Fiscal Year (continued)

on the fiscal 1967 appropriations legislation--increases by \$108,232.00 to \$6,135,104.00; and the budget of the Department of Athletics increases by \$114,146.00 to a total of \$2,780,357.00.

In addition to essential increases for personal services, a major increase has been accomplished in the equipment category. I have already reported to you the increase in funds for library book purchases for 1966-67--an equipment account in university budget procedures. We have also this year budgeted directly to the colleges the income from research contracts in support of indirect costs which are attributable to equipment costs--a procedure which continues our efforts to decentralize fiscal decision making to the college level in every way consistent with the requirements of good fiscal accountability.

In concluding this brief summary of this budget recommendation, it seems important to indicate that income in support of the proposed \$122 million budget comes from a great variety of sources. About \$45 million comes from the State of Ohio, and about \$21.5 million comes from student fees including the increased student fee income upon which you have just acted. Income from the Federal government exclusive of direct support of research through the Research Foundation, but inclusive of indirect cost recovery on Research Foundation projects, amounts to almost \$10 million. The greatest portion of the remaining income comes from the earnings and income of such agencies as the University Hospitals, the dormitory system, and literally hundreds of other auxiliary enterprises and departmental activities. This latter type of income is, of course, almost directly offset by expenses charged against these earnings.

With this background, President Fawcett presented the following formal recommendations related to budgets for the operation of The Ohio State University for the fiscal year 1966-67:

For some time the officers of the University have been working toward the annual presentation to the Board of Trustees of a budget proposal involving all of the current budgets of the University. The first such proposal is now in order for presentation to the Board of Trustees and it is therefore recommended that the following expenditures, all within the estimates of available revenues, for the 1966-67 fiscal year be approved:

<u>General Budget</u>	<u>\$ 61,296,000.00</u>
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Personal Services	\$44,716,000.00
Retirement and Other	4,070,000.00
Equipment	2,950,000.00
Operating	8,350,000.00
Other	1,210,000.00

<u>Special Budgets</u>	<u>\$ 2,114,443.00</u>
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Student Activities	\$ 1,123,899.00
Special Laboratory Fees	304,000.00
Special Facilities Projects	686,544.00



June 9, 1966 meeting, Board of Trustees

Budgets for the 1966-67 Fiscal Year (continued)

<u>Restricted Funds</u>	<u>\$ 35,108,612.00</u>
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Branch Campuses	\$ 2,219,000.00
Cooperative Extension Service	6,135,104.00
Mershon Center for Education	
in National Security	309,618.00
Other Endowment Accounts	990,382.00
Gifts and Grants	9,959,128.00
University Hospital	15,495,380.00

<u>Rotary Accounts</u>	<u>\$ 23,428,302.00</u>
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Dormitories	\$ 6,470,400.00
Athletics	2,780,357.00
Conferences	606,960.00
Auxiliary Accounts	13,570,585.00

<u>Grand Total</u>	<u>\$121,947,357.00</u>
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It is further recommended that the detailed supporting statements for the above summary figures which have been reviewed by the Board of Trustees be approved, and that the Secretary be instructed to file these detailed budget statements for the fiscal year 1966-67 with the official records of the University.

Finally, it is recommended that the President be authorized to adjust the expenditure estimates during the fiscal year with fluctuations in income and report such adjustments on a quarterly basis to the Board of Trustees.

Upon motion of Mr. France, seconded by Mr. Bricker, the above recommendations for approval of the budgets for the 1966-67 fiscal year were approved by unanimous roll call vote.

Budget for The Ohio State University Research  
Foundation for the 1966-67 Fiscal Year

It is recommended that The Ohio State University Research Foundation annual budget for the fiscal year 1966-67, beginning July 1, 1966, be approved in an amount not to exceed \$727,704.00. This budget was approved by the Board of Directors of The Ohio State University Research Foundation at its annual meeting on April 15, 1966.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, The Ohio State University Research Foundation budget for 1966-67 was approved by unanimous roll call vote.

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President Fawcett continued with the presentation of the following recommendations for consideration by the Board of Trustees:

I. GENERAL RECOMMENDATIONS

A. Degrees and Certificates Conferred -  
Spring Quarter Commencement Convocation

It was recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 14, 1966, to those students who have completed the requirements for their respective degrees and certificates and were recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix IX, page 559.)

Upon motion of Mr. Ketterer, seconded by Mr. France, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Distinguished Service Awards

In 1952 the Board of Trustees established the Distinguished Service Award to be given in recognition of eminent and illustrious service to The Ohio State University. The President's Cabinet, which serves as a Committee on Distinguished Service Awards, has nominated for consideration by the Board of Trustees the following-named persons to receive the Distinguished Service Award at the September 2, 1966 Commencement:

Alan Bevington Loop  
Charley Francis Miller  
Henry Larimer Wagner

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above nominations for the Distinguished Service Award were approved by unanimous voice vote.

C. Naming of George M. Trautman Baseball Fields

On June 1 and June 2, 1966, a majority of the Board of Trustees by telephone communication with the Secretary of the Board approved the recommendation initiated by the University Athletic Council that the new baseball playing fields located in the area north of Lane Avenue, west of the Olentangy River Road, and south of the married student housing area, be named the George M. Trautman Baseball Fields, in memory of the late George M. Trautman, Class of 1914.

A popular campus leader and varsity athlete during his student days, George M. "Red" Trautman later served the University as basketball coach in 1920-1921 and as Assistant Athletic Director, 1921 through 1929. His service and dedication to the game are well known to baseball fans throughout the Nation, and he was singularly recognized in 1946 when he was elected President of the National Association of Professional Baseball Leagues, a position he held until his death in 1963.

Pursuant to the telephone approval by the Board of Trustees, the Director of Athletics announced on the occasion of the National Collegiate Athletic Association District No. 4 baseball playoffs held June 2, 3, and 4, 1966, that the new varsity baseball facilities would be named in memory of the late Mr. Trautman and would be formally dedicated at an appropriate ceremony during the next baseball season. As the Big Ten Champion, The Ohio State University served as the host for the NCAA District No. 4 baseball playoffs.

June 9, 1966 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of George M. Trautman Baseball Fields (continued)

It was recommended therefore that the Board of Trustees ratify the authorization granted by telephone to name the varsity baseball facilities the "George M. Trautman Baseball Fields."

Upon motion of Mr. Bricker, seconded by Mr. Jones, the Board of Trustees approved the above recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

It was recommended that all personnel changes since the May 12, 1966 meeting of this Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes include the following Appointments, Promotions, Leaves of Absence Without Salary, Emeritus Title, New and Reappointments of Department Chairmen and Directors of Schools, and Promotions in Academic Rank:

A. Appointments

James B. Heck appointed as Assistant Dean of Faculties in the Office of Academic Affairs, effective June 1, 1966, at a salary of \$12,468.00 per annum.

John W. Gustad appointed as Associate Dean in the College of Arts and Sciences, effective July 1, 1966, at a salary of \$21,168.00 per annum.

C. Grey Austin appointed as Assistant Dean (part time - 50%) in the College of Arts and Sciences and Editor (part time - 50%) in the Graduate School, effective August 1, 1966, at a salary of \$18,168.00 per annum.

Rupert Salisbury appointed Associate Professor and Assistant Dean in the College of Pharmacy, effective September 1, 1966, at a salary of \$14,268.00 per annum.

Stanley J. Czyzak appointed Professor in the Department of Astronomy, effective October 1, 1966, at a salary of \$18,168.00 per annum.

Prakash Bambah appointed Professor in the Department of Mathematics, effective October 1, 1966, at a salary of \$19,368.00 per annum.

Herbert I. Hochberg appointed Professor in the Department of Philosophy, effective October 1, 1966, at a salary of \$15,168.00 per annum.

June 9, 1966 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### A. Appointments (continued)

James L. Golden appointed Professor in the Department of Speech, effective October 1, 1966, at a salary of \$16,068.00 per annum.

### B. Promotions

Ralph M. Johnson from Director of the Institute of Nutrition and Food Technology to Acting Dean of the newly established College of Biological Sciences, effective July 1, 1966, at a salary of \$19,668.00 per annum. He will continue to hold the rank of Professor in the Departments of Physiological Chemistry, Animal Science, Horticulture and Forestry, and the School of Home Economics.

Bill R. Moeckel from Assistant Dean, College of Commerce and Administration, to Associate Dean, College of Commerce and Administration, effective July 1, 1966, at a salary of \$20,868.00 per annum. He will continue to hold the rank of Associate Professor in the Department of Business Organization.

Carroll L. Shartle from Assistant Dean (part time - 80%), College of Commerce and Administration, to Associate Dean (part time - 80%), College of Commerce and Administration, effective July 1, 1966, at a salary of \$18,168.00 per annum. He will continue to hold the rank of Professor (part time - 20%) in the Department of Psychology at a salary of \$3,804.00 per annum.

Eleanor W. Bulatkin from Professor in the Department of Romance Languages to Professor and Chairman of the Department of Romance Languages, effective October 1, 1966, at a salary of \$15,768.00 per annum.

Edward E. Rhine from Assistant Director to Associate Director of Admissions, Office of Admissions, effective July 1, 1966, at a salary of \$11,868.00 per annum.

### C. Leaves of Absence Without Salary

Betty J. Thomas, Associate Professor, School of Nursing, effective August 15, 1966 through August 28, 1966, to participate in conducting a workshop at the University of Arkansas.

Mary S. Breese, Assistant Professor, School of Nursing, effective July 7, 1966 through September 27, 1966, to travel.

Laura R. Clark, Assistant Professor, School of Nursing, effective July 7, 1966 through September 27, 1966, to travel and serve in a mission station in South America.

June 9, 1966 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### C. Leaves of Absence Without Salary (continued)

Dorese L. Dilley, Assistant Professor, School of Nursing, effective July 31, 1966 through August 14, 1966, to travel.

Robert E. Notari, Assistant Professor, College of Pharmacy, effective July 15, 1966 through August 31, 1966, to participate in a research project at The Upjohn Company, Kalamazoo, Michigan.

Keith S. Rosenn, Assistant Professor, College of Law, effective October 1, 1966 through September 30, 1967, to accept a research appointment with Ford Foundation in Rio de Janeiro.

Josephine T. Hickey, Instructor, School of Nursing, effective September 11, 1966 through September 27, 1966, to participate in an educational clinical program.

Sandra Sorenson, Instructor, School of Nursing, effective July 7, 1966 through September 27, 1966, for personal reasons.

William H. Ewing, Associate Director, Telecommunications Center, effective July 1, 1966 through July 31, 1966, to travel.

Theodore W. Hildebrandt, Assistant Director, Computer Center, effective June 1, 1966 through June 30, 1966, to do research at the Institute for Atmospheric Research, Boulder, Colorado.

### D. Emeritus Title

Howard F. Haines, School of Optometry, with the title Assistant Professor Emeritus, effective July 1, 1966.

### E. New and Reappointments of Department Chairmen and Directors of Schools

<u>Department or School</u>	<u>Chairman or Director</u>	<u>Appointed to</u>
Agricultural Engineering	Robert E. Stewart	June 30, 1970
Anatomy	Grant O. Graves	June 30, 1970
Astronomy	Arne E. Slettebak	September 30, 1970
Aviation	J. J. Eggspuehler	June 30, 1970
Ceramic Engineering	J. O. Everhart	June 30, 1970
*Classical Languages	Charles L. Babcock	September 30, 1970
*History	Bradley Chapin	September 30, 1970
*School of Journalism	William E. Hall, Jr.	June 30, 1970
*Medical Microbiology	Henry C. Cramblett	June 30, 1970
*School of Allied Medical Services	Robert J. Atwell	June 30, 1970

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\*New

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. New and Reappointments of Department Chairmen and Directors of Schools  
(continued)

<u>Department or School</u>	<u>Chairman or Director</u>	<u>Appointed to</u>
Obstetrics and Gynecology	John G. Ullery	June 30, 1970
Political Science	Lawrence J. Herson	June 30, 1970
Preventive Medicine	Harold V. Ellingson	June 30, 1970
*Romance Languages	Eleanor Bulatkin	September 30, 1970
Slavic Languages and Literatures	Leon I. Twarog	September 30, 1970
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Sociology and Anthropology	Raymond F. Sletto	June 30, 1970
Veterinary Anatomy	Walter G. Venzke	June 30, 1970
Veterinary Pathology	Clarence R. Cole	June 30, 1970
Veterinary Preventive Medicine	John H. Helwig	June 30, 1970
Veterinary Surgery and Radiology	Richard L. Rudy	June 30, 1970
Zoology and Entomology	George W. Wharton	June 30, 1970

\*New

F. Promotions in Academic Rank

Effective October 1, 1966 unless marked with an asterisk (\*)  
which indicates effective July 1, 1966

College of Agriculture and Home Economics

Agricultural Engineering

\*Carlton E. Johnson to Professor

Agricultural Economics and Rural Sociology

*Richard H. Baker	to Professor
*Robert H. Blosser	to Professor
*John S. Bottum	to Associate Professor
*John B. Mitchell	to Professor
*Gerald P. Owens	to Assistant Professor
*Robert M. Reeser	to Associate Professor
*Edgar T. Shaudys	to Professor
*Thomas T. Stout	to Professor
*William A. Wayt	to Professor
*Howard C. Williams	to Professor

Agricultural Education

Robert P. Worrall, Sr. to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Agriculture and Home Economics (continued)

Agronomy

*Leo E. Bendixen	to Associate Professor
*Ralph E. Franklin, Jr.	to Associate Professor
*J. B. Jones	to Professor
*Lawrence P. Wilding	to Associate Professor

Animal Science

*Jack H. Cline	to Professor
*Herbert W. Ockerman	to Associate Professor
*Charles F. Parker	to Associate Professor

Dairy Science

*William J. Brakel	to Professor
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School of Home Economics

Norejane Hendrickson	to Professor
Joan E. Herr	to Assistant Professor

Horticulture and Forestry

*William F. Cowen, Jr.	to Professor
*Clive W. Donoho, Jr.	to Professor
*Kenneth W. Reisch	to Professor
*Robert D. Touse	to Associate Professor

College of Arts and Sciences

Chemistry

Paul G. Gassman	to Associate Professor
Devon W. Meek	to Associate Professor
Robert J. Ouellette	to Associate Professor
Leo A. Paquette	to Associate Professor
Andrew A. Wojcicki	to Associate Professor

Classical Languages

Mark P. O. Morford	to Associate Professor
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English

Robert W. Canzoneri	to Associate Professor
Earl P. Carter	to Assistant Professor
*Donald W. Good	to Assistant Professor
Gordon K. Grigsby	to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Arts and Sciences (continued)

Geodetic Science

\*Ivan I. Mueller to Professor

Geology

John W. Shrum to Associate Professor  
Walter C. Sweet to Professor

German

Johanna S. Belkin to Assistant Professor  
Charles W. Hoffmann to Professor  
Wolfgang Wittkowski to Professor

History

John C. Burnham to Associate Professor  
Clayton Roberts to Professor

School of Journalism

Frederick W. Maguire to Professor

Mathematics

Bogdan Bajsanski to Professor  
Ranko Bojanic to Professor  
Norman Levine to Professor  
Louis Sucheston to Professor

Philosophy

Lee B. Brown to Assistant Professor  
Andrew G. Oldenquist to Associate Professor  
Paul J. Olscamp to Associate Professor

Physics

Young S. Kim to Associate Professor  
Bernard Mulligan to Associate Professor  
William D. Ploughe to Associate Professor  
Richard G. Seyler to Associate Professor

Political Science

James B. Christoph to Professor



June 9, 1966 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### F. Promotions in Academic Rank (continued)

#### College of Arts and Sciences (continued)

##### Romance Languages

*Richard H. Armitage	to Professor
Martha E. Frosch	to Professor
Walter Meiden	to Professor

##### Slavic Languages and Literatures

Hongor Oulanoff	to Associate Professor
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##### Speech

Keith Brooks	to Professor
Courtney P. Stromsta	to Professor

#### College of Commerce and Administration

##### Business Organization

Halbert C. Smith, Jr.	to Associate Professor
Louis W. Stern	to Associate Professor

##### Economics

Belton M. Fleisher	to Associate Professor
*Wilford L. Lesperance	to Associate Professor

##### Sociology and Anthropology

Ericka E. Bourguignon	to Professor
Leo A. Estel	to Professor
*J. Eugene Haas	to Professor
Margaret L. Helfrich	to Associate Professor
Donald L. Noel	to Associate Professor
Enrico L. Quarantelli	to Professor
*Kent P. Schwirian	to Associate Professor

#### College of Dentistry

*James A. Kreider	to Professor
William V. Walton	to Associate Professor
Chester M. Winter	to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Education

School of Education

Donald R. Bateman	to Assistant Professor
Walter G. Hack	to Professor
Robert W. Howe	to Associate Professor
Anthony C. Riccio	to Professor
Donald P. Sanders	to Associate Professor
Edward R. Towers	to Professor
Melba D. Woodruff	to Associate Professor

School of Art

James W. Baughman	to Associate Professor
Colin W. Clipson	to Associate Professor
Maurice E. Cope	to Associate Professor
Gilbert W. Hall	to Associate Professor
Malcolm Moreley	to Associate Professor

School of Music

Marshall H. Barnes	to Professor
Henry L. Cady	to Associate Professor
Alexander M. Main	to Professor

Psychology

Philip M. Clark	to Associate Professor
James R. Erickson	to Associate Professor
William C. Howell	to Professor
Reed Lawson	to Professor

College of Engineering

Aeronautical and Astronautical Engineering

*Odus Roy Burggraf	to Professor
*Gerald M. Gregorek	to Assistant Professor

School of Architecture

Wayland W. Bowser	to Associate Professor
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Chemical Engineering

Edwin R. Haering	to Assistant Professor
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Civil Engineering

*Johannes F. Schwar	to Professor
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June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Engineering (continued)

Electrical Engineering

Wendell Cornet, Jr.	to Professor
Hsiung Hsu	to Professor
Robert B. Lackey	to Associate Professor
*Ronald K. Long	to Associate Professor
John M. Swartz	to Assistant Professor

Engineering Mechanics

Robert Arlen Barnes	to Associate Professor
Peter E. Korda	to Associate Professor
Joseph Mahig	to Associate Professor

Metallurgical Engineering

Robert A. Rapp	to Associate Professor
Douglas C. Williams	to Professor

Aviation

*William Hubbard	to Assistant Professor
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College of Law

Richard E. Day	to Professor
*Gerald A. Messerman	to Associate Professor
L. Orin Slagle, Jr.	to Professor

College of Medicine

Medicine

*Grant O. Graves	to Assistant Professor
*Robert J. Atwell	to Professor
*Richard D. Carr	to Associate Professor

School of Nursing

*Gwendoline Bellam	to Associate Professor
*Mary V. Cline	to Assistant Professor

Obstetrics - Gynecology

*Paige K. Besch	to Associate Professor
*John G. Boutselis	to Associate Professor
*Nichols Vorys	to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Medicine (continued)

School of Allied Medical Services

*Carolyn N. Burnett	to Assistant Professor
*William F. Shepard	to Assistant Professor
*Adah R. Sutton	to Assistant Professor

Pathology

*William A. Newton, Jr.	to Professor
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Pediatrics

*Stella B. Kontras	to Associate Professor
*Samuel Meites	to Associate Professor
*Charles B. Reiner	to Assistant Professor

Physiological Chemistry

*Gerald L. Endahl	to Associate Professor
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Preventive Medicine

*Martin D. Keller	to Professor
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Psychiatry

*Rudolf Kaelbling	to Associate Professor
*Rahe B. Corlis	to Assistant Professor
*Harold Goldman	to Associate Professor
*Salomon Rettig	to Professor

Radiology

*Charles D. Schloss	to Assistant Professor
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Surgery

*Howard D. Sirak	to Professor
*Blanca Smith	to Associate Professor

College of Pharmacy

*Raymond W. Dorskotch	to Associate Professor
*Theodore D. Sokoloski	to Associate Professor

June 9, 1966 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

F. Promotions in Academic Rank (continued)

College of Veterinary Medicine

Veterinary Parasitology

\*Harold F. Groves to Professor

Veterinary Preventive Medicine

\*Edward H. Bohl to Professor

Veterinary Surgery and Radiology

\*William J. Roenigk to Professor

College of Biological Sciences

Botany and Plant Pathology

\*August Schmitthenner to Professor

\*Lansing E. Williams to Professor

Zoology and Entomology

\*Billie D. Blair to Associate Professor

\*Howard W. Forsythe, Jr. to Associate Professor

\*Harry D. Niemczyk to Associate Professor

\*Wayne B. Parrish to Associate Professor

\*David H. Stansbery to Associate Professor

Barry D. Valentine to Associate Professor

\*George W. Ware, Jr. to Professor

Office of Academic Affairs

Library

\*Rexford S. Beckham to Associate Professor

\*Helen E. Dean to Associate Professor

\*Ruth M. Erlandson to Professor

\*Kathryn N. Miller to Assistant Professor

\*Wenyu Yen to Associate Professor

Physical Education - Men

Robert L. Bartels to Associate Professor

Richard W. Bowers to Assistant Professor

Charles R. Carroll to Assistant Professor

Edward Coates to Assistant Professor

Donald D. Harper to Assistant Professor

Charles L. Mand to Professor

June 9, 1966 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### F. Promotions in Academic Rank (continued)

#### Off-Campus Education

##### Wright State

*Lael E. Bradshaw	to Assistant Professor
*Robert D. Dixon	to Associate Professor
*Emil P. Kmetec	to Professor

#### Cooperative Extension Service

*Louise Augenstein	to Assistant Professor
*Eldon S. Banta	to Associate Professor
*Billie D. Blair	to Associate Professor
*John S. Bottum	to Associate Professor
*Delbert M. Byg	to Associate Professor
*William F. Cowen, Jr.	to Professor
*Don W. Graffis	to Associate Professor
*Benton Jones, Jr.	to Professor
*Ivor Jones	to Assistant Professor
*John E. Moore	to Assistant Professor
*Roger A. Miller	to Associate Professor
*John B. Mitchell	to Professor
*Howard Phillips	to Assistant Professor
*Gordon J. Ryder	to Professor
*John D. Strausbaugh	to Assistant Professor
*Robert D. Touse	to Associate Professor
*James D. Wells	to Assistant Professor
*Robert P. Worrall, Sr.	to Associate Professor

Upon motion of Mr. Allyn, seconded by Mr. Ketterer, the Appointments, the Promotions, the Leaves of Absence Without Salary, the Emeritus Title, the New and Reappointments of Department Chairmen and Directors of Schools, the Promotions in Academic Rank, and the personnel actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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## III. GENERAL CONTRACTS AND AGREEMENTS

### A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, it was recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal

- a. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Excitation and Inhibition in the Vertebrate Retina (to be known as National Institutes of Health Project No. 782 - Ext. #3 - Institute for Research in Vision).  
Gross Value - \$28,896.00.
- b. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Studies in Primate Learning and Perception (to be known as National Institutes of Health Project No. 887 - Sup. #1 - Department of Psychology).  
Gross Value - \$1,145.00.
- c. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, The Heterogeneity of Deoxy-ribonucleic Acids (DNA) (to be known as National Institutes of Health Project No. 1048 - Ext. #6 - Department of Chemistry).  
Gross Value - \$18,610.00.
- d. U. S. Atomic Energy Commission, Chicago Operations Office, 9800 South Cass Avenue, Argonne, Illinois, High-Resolution Infrared Spectra of Tritium and Deuterium Substituted Molecules (to be known as U. S. Atomic Energy Commission Project No. 1098 - Sup. #6 - Department of Physics).  
Gross Value - \$28,500.00.
- e. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Study of the Sulfide-to-Sulfate Reaction Mechanism (to be known as Bureau of State Services Project No. 1442 - Ext. #4 - Engineering Experiment Station).  
Gross Value - \$22,244.00.
- f. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as National Institutes of Health Project No. 1451 - Ext. #4 - Department of Physiological Chemistry).  
Gross Value - \$25,640.00.
- g. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as National Institutes of Health Project No. 1470 - Ext. #4 - Department of Psychology).  
Gross Value - \$27,574.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- h. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Postmortem Survival of Fetal Liver (to be known as National Institutes of Health Project No. 1578 - Sup. #1 - Department of Surgery, Children's Hospital).  
Gross Value - \$14,602.00.
- i. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Experimental Polioencephalomyelitis (to be known as National Institutes of Health Project No. 1582 - Ext. #3 - Department of Veterinary Pathology).  
Gross Value - \$36,980.00.
- j. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Inherited Caries Resistance in Gnotobiotic Animals (to be known as National Institutes of Health Project No. 1843 - Ext. #2 - College of Dentistry).  
Gross Value - \$23,592.00.
- k. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Comparative Study of Anomie in the Kibbutz (to be known as National Institutes of Health Project No. 1956 - Ext. #1 - Department of Psychiatry).  
Gross Value - \$14,544.00.
- l. Air Force Missile Development Center, P. O. Box 393, Holloman Air Force Base, New Mexico, Study of Track Failure Criteria (to be known as Air Force Missile Development Center Project No. 2003 - Sup. #3 - Department of Engineering Mechanics).  
Gross Value - \$33,757.00.
- m. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Mechanism of Death in Acute Myocardial Infarction (to be known as Bureau of State Services Project No. 2018 - Ext. #1 - Department of Medicine).  
Gross Value - \$46,966.00.
- n. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Medicinal Chemical Studies of Mesoionic Compounds (to be known as National Institutes of Health Project No. 2042 - Ext. #1 - College of Pharmacy).  
Gross Value - \$21,604.00.



III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- o. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Role Conceptions of Pharmacists and Community Health (to be known as Bureau of State Services Project No. 2056 - Sup. #1 - College of Pharmacy).  
Gross Value - \$2,706.00.
- p. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Tryptophan Metabolism in Neoplastic Disease (to be known as National Institutes of Health Project No. 2095 - Ext. #1 - Department of Medicine).  
Gross Value - \$17,553.00.
- q. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Diffusion in Multi Phase Ternary Systems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2193 - New - Department of Metallurgical Engineering).  
Gross Value - \$15,000.00.
- r. Department of Army, Defense Supply Service - Washington, Washington, D. C., The U. S. and the Western Europe of the 1970's (to be known as Defense Supply Service - Washington Project No. 2194 - New - Merston Social Science Program).  
Gross Value - \$17,250.00.
- s. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Plasma Diagnostic Techniques and Generation Use in Flight Control Division's Plasma Facility (to be known as Systems Engineering Group, Research and Technology Division Project No. 2196 - New - Department of Physics).  
Gross Value - \$25,990.00.
- t. National Science Foundation, Washington, D. C., Noncontinuable Power Series (to be known as National Science Foundation Project No. 2197 - New - Department of Mathematics).  
Gross Value - \$8,300.00.
- u. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Early Competence in Children (to be known as National Institutes of Health Project No. 2198 - New - Department of Psychology).  
Gross Value - \$14,067.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- v. National Science Foundation, Washington, D. C. , Glacial History of Adams Inlet, Glacier Bay, Alaska (to be known as National Science Foundation Project No. 2200 - New - Institute of Polar Studies).  
Gross Value - \$30,000.00.
- w. National Science Foundation, Washington, D. C. , Earthquake Effects on Sherman Glacier, Alaska (to be known as National Science Foundation Project No. 2201 - New - Institute of Polar Studies).  
Gross Value - \$20,000.00.
- x. U. S. Army Research Office, Durham, Box CM, Durham, North Carolina, Transannular Interactions of HeteroAtoms in Medium-Sized Heterocyclic Compounds (to be known as U. S. Army Research Office, Durham Project No. 2205 - New - Department of Chemistry).  
Gross Value - \$52,000.00.
- y. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Verbal Learning Conference (to be known as National Institutes of Health Project No. 2207 - New - Department of Psychology).  
Gross Value - \$5,544.00.
- z. National Science Foundation, Washington, D. C. , Biological and Medical, Molecular Biology (to be known as National Science Foundation Project No. 2210 - New - Division of Biophysics).  
Gross Value - \$19,600.00.
- aa. National Science Foundation, Washington, D. C. , Econometric Studies of Monetary Processes (to be known as National Science Foundation Project No. 2211 - New - Department of Economics).  
Gross Value - \$49,100.00.
- bb. National Science Foundation, Washington, D. C. , Analysis of Miwok Languages (to be known as National Science Foundation Project No. 2213 - New - Division of Linguistics).  
Gross Value - \$11,100.00.

TOTAL - Government Contracts - Federal \$632,864.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Contract

- a. Regents of the University of Wisconsin, Madison, Wisconsin,  
Drug Evaluation Program of the CCNSC in the Central Region,  
USA (to be known as Regents of the University of Wisconsin  
Project No. 1395 - Check #C308639 - Department of Surgery).  
Gross Value - \$1,481.55.

The foregoing twenty-nine contracts for research in cooperation with  
Government, Industry, and Other represent a gross income of \$634,345.55.

Upon motion of Mr. France, seconded by Mr. Allyn, the research agreements  
between The Ohio State University and The Ohio State University Research  
Foundation for the above contracts were approved by unanimous voice vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

During the period from April 29, 1966 through May 26, 1966, the Engineering  
Experiment Station of The Ohio State University entered into the following  
research contracts. These research contracts were reported to the Board  
of Trustees for information and record.

1. Government Research Contracts

- EES 281X    A Study of the Structural Equivalence of Two Bituminous  
Treated Bases, Ohio Department of Highways, Columbus,  
Ohio, Bureau of Public Roads, Washington, D. C.  
Gross Value - \$24,600.00.
- SC 54        OCD Architectural and Engineering Professional Develop-  
ment Courses, Office of Civil Defense, OSA, Department  
of the Army, Washington, D. C. 20310.  
Gross Value - \$14,605.00.
- SC 56        A Short Course on Geometric Design and Traffic Control,  
Ohio Department of Highways, Columbus, Ohio, Bureau  
of Public Roads, Washington, D. C.  
Gross Value - \$2,000.00.
- SC 57        An Indoctrination Course for Engineering Students to be  
Employed by the Ohio Department of Highways During  
University Vacation Periods, Ohio Department of Highways,  
Columbus, Ohio, Bureau of Public Roads, Washington,  
D. C.  
Gross Value - \$3,480.00.

TOTAL - Government Research Contracts \$44,685.00

June 9, 1966 meeting, Board of Trustees

### III. GENERAL CONTRACTS AND AGREEMENTS (continued)

#### B. The Report of the Research Contracts from the Engineering Experiment Station

##### 2. Industrial Research Contract

EES 282X      Investigation of Vibration Aids to Bulk Handling of Resins,  
Union Carbide Corporation, Plastics Division, 270 Park  
Avenue, New York, New York 10017.  
Gross Value - \$12,000.00.

The foregoing five contracts for research in the Engineering Experiment  
Station represent a gross income of \$56,685.00.

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### IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since  
May 12, 1966, and were reported for the record. Appropriate expressions of  
appreciation have been conveyed to the donors.

#### A. Administered Through the Office of Business and Finance

1. \$300,000.00 granted by Department of Health, Education, and Welfare,  
Office of Education, Washington, D. C. 20202, to the University for the  
construction of a new science and engineering building on the Wright  
State Campus. This grant agreement is made under Title I, Higher  
Education Facilities Act of 1963. (Project No. Ohio 4-1671)
2. \$135,432.00 additional grant by Department of Health, Education, and  
Welfare, Public Health Service, Bethesda, Maryland, to the University  
for "General Research Support," under the direction of Dr. Richard L.  
Meiling, Dean of the College of Medicine, for the period January 1,  
1966 through December 31, 1966. (Grant No. 5 S01 FR 05409-05)
3. \$64,864.00 granted by Department of Health, Education, and Welfare,  
Public Health Service, Bethesda, Maryland, for support of the program  
"Training Program in Occupational Health," under the direction of  
Dr. Frederick H. Shillito, Department of Medicine, for the period  
July 1, 1966 through June 30, 1967. (Grant No. 5 T01 ES00032-04)
4. \$52,700.00 granted by National Science Foundation to the University  
for support of a "Programmed Geology Laboratory." This grant is  
under the direction of Professors Walter C. Sweet and Robert Bates,  
Department of Geology. This grant is effective May 1, 1966 and  
terminates on or about April 30, 1969. (GY-1436)
5. \$23,020.00 granted by Department of Health, Education, and Welfare,  
Public Health Service, Bethesda, Maryland, for support of the program  
"Undergraduate Psychiatric Nursing," under the direction of Miss  
Mildred E. Newton, School of Nursing, for the period July 1, 1966  
through June 30, 1967. (Grant No. 5 T02 MH06375-10)

June 9, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

6. \$19,600.00 granted by National Science Foundation to the University for the purchase of Instructional Scientific Equipment. This grant is under the direction of Professor Charles E. Dryden, Department of Chemical Engineering, and terminates on April 30, 1968. (GY-1131)
7. \$12,141.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of Dr. Walter R. Krill, Dean of the College of Veterinary Medicine, for the period January 1, 1966 through December 31, 1966. (Grant No. 5 S01 FR 05463-04)
8. \$3,200.00 granted by National Science Foundation to the University for the purchase of Instructional Scientific Equipment. This grant is under the direction of Professor Robert C. Little, Department of Physiology, and terminates on April 30, 1968. (GY-1620)

TOTAL - Through the Office of Business and Finance \$610,957.00

B. Received Through the Development Fund

1. \$32,220.00 from the National Fund for Medical Education for the National Fund for Medical Education Fund in the College of Medicine.
2. \$14,500.00 from Eli Lilly and Company for the Infectious Disease Fund in the College of Medicine.
3. \$10,000.00 from The Payne Fund, Inc., New York, New York, for the Payne Fund Communications Fund.
4. \$8,700.00 from The Lubrizol Foundation, Cleveland, Ohio--\$3,600.00 for the Department of Chemistry for fellowships; \$3,600.00 for the Department of Chemical Engineering for fellowships; \$1,000.00 for the Department of Mechanical Engineering; and \$500.00 for the Department of Mathematics.
5. \$6,000.00 from Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for the Emmet Blakeney Gleason Scholarship Fund.
6. \$5,000.00 from Ralph S. Lovett for the Ralph S. Lovett Scholarship Fund.
7. \$5,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for research in the Department of Industrial Engineering.
8. \$5,000.00 from The Sears-Roebuck Foundation, Chicago, Illinois, for the Center for Vocational and Technical Education.
9. \$3,895.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.

June 9, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

10. \$3,750.00 from the Union Carbide Educational Fund for the Union Carbide Company Scholarship Fund.
11. \$3,333.33 from the United Health Foundation, Inc. for the United Health Foundations Viral Respiratory Disease Research Fund.
12. \$3,000.00 from The Reese Foundation--\$2,125.74 for the Everett D. Reese Presidents Club Fund and \$874.26 for the Everett D. Reese Scholarship and Loan Fund.
13. \$2,000.00 from Samuel S. Davis and Jeanette A. Davis for the establishment of The Corrugated Container Company Fund.

The Corrugated Container Company Fund

The Corrugated Container Company Fund was established May 9, 1966, by gifts through the Development Fund from Samuel S. Davis and Jeanette A. Davis.

The principal is to be invested in accordance with rules and regulations therefor adopted by the Board of Trustees of The Ohio State University.

The disposition of the income is to be left entirely to the discretion of said Board of Trustees, with this reservation only: that in any given year the Chief Executive Officer of The Corrugated Container Company may make a request for a specific use of the income for that year and if said request is for an appropriate University purpose, the Board of Trustees shall grant said request.

14. \$2,000.00 from Mervin B. France to the University for deposit in the France Fund, Account No. 179989.
15. \$1,500.00 from the Universal Oil Products Foundation for the Universal Oil Products Company Scholarship Fund in Chemical Engineering.
16. \$1,000.00 from James R. Riley for the Carl R. (Cap) Arnold Agricultural Credit Fund.
17. \$500.00 from Clarice L. Bernhoft for the Richard Jacobson Memorial Award Fund.

Richard Jacobson Memorial Award Fund

The Richard Jacobson Memorial Award Fund was established May 16, 1966, by a gift through the Development Fund from Clarice L. Bernhoft.

The principal is to be invested under rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

June 9, 1966 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

17. Richard Jacobson Memorial Award Fund (continued)

Principal and/or income is to be used for the purpose of an annual award for undergraduates in short story writing, the contest to be administered by the Department of English. The faculty members involved in granting the award have complete freedom to decide what constitutes a short story and the amount of the annual award. The award shall be known as the Richard Jacobson Memorial Award and is to be awarded annually sometime during the Spring Quarter.

In case the need for such an award should cease to exist or so diminish as to create unused income, then said income may be used by the Board of Trustees of The Ohio State University for any purpose in the field of English.

TOTAL - Received Through the Development Fund \$107,398.33

Upon motion of Mr. Ketterer, seconded by Mr. Bricker, the acceptance of the above grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

In April, 1966, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,551	\$ 68,861.43
Individuals other than alumni	314	5,528.75
Nonprofit organizations	48	56,719.72
Business concerns	15	19,015.74
	<u>2,928</u>	<u>\$150,125.64</u>

Of these gifts, 2,012 totaling \$21,036.02 were undesignated and 916 totaling \$129,089.62 were designated.

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V. APPROPRIATIONS AND TRANSFER OF FUNDS

A. Appropriation of Funds for Matching National Science Foundation Grants for Undergraduate Instructional Equipment

At the request of the Vice President for Research and with the concurrence of the Vice President for Business and Finance, it was recommended that the following amounts be appropriated from the University Treasurer Research Subaccounts as designated for matching National Science Foundation grants to the University for support of "Undergraduate Instructional Scientific Equipment Program" projects:

June 9, 1966 meeting, Board of Trustees

V. APPROPRIATIONS AND TRANSFER OF FUNDS (continued)

A. Appropriation of Funds for Matching National Science Foundation Grants for Undergraduate Instructional Equipment (continued)

A sum not to exceed \$19,600.00 for the Department of Chemical Engineering under the direction of Professor Charles E. Dryden to match \$19,600.00 granted by NSF Subaccount (f)

A sum not to exceed \$3,200.00 for the Department of Physiology under the direction of Professor Robert C. Little to match \$3,200.00 granted by NSF Subaccount (f)

Upon motion of Mr. Allyn, seconded by Mr. France, the above recommendation for appropriation of funds was approved by unanimous roll call vote.

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VI. EXTRA ORDERS TO CONTRACTS

At the request of the Vice President for Business and Finance, it was recommended that the Extra Orders to Contracts as listed below be approved by the Board of Trustees:

A. Extra Orders to Contracts

1. Materials Engineering and Science Building	\$ 924.00
2. Chemical Research Facilities	1,212.00
3. General Academic Facility, Lima Campus	535.00
	<u>\$2,671.00</u>

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

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VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, it was recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Library Elevator Remodeling

This project will remedy an unsafe situation with the shaft doors and provide greatly improved service to the users of the library stacks.

Funds for this project will be provided from Budget Account 121658 (1966-67).



June 9, 1966 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

B. Goss Laboratory - Repairs and Improvements to Ventilation System

This project provides replacement of the existing steam preheat system with a forced flow hot water system and proper controls to minimize the possibility of shut downs of the air conditioning units and the replacement of the electronic air cleaner filters to insure clean air supply to the laboratories.

Funds for this project will be provided from Budget Account 121658 (1966-67).

C. School of Nursing

This project is a three-story building to provide office and classroom space for the School of Nursing.

Funds for this project will be provided from Item 016, S. B. 370, Item 018, H. B. 202, and Federal funds.

D. Remodel Neilwood Gables Bookstore

This project will provide additional space for the existing bookstore by expanding into the basement of Neil Gables.

Funds for this project will be provided from Budget Account 801027.

Upon motion of Mr. Bricker, seconded by Mr. Allyn, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken for several projects and contracts were recommended for award. The actions reported to the Board were as follows:

A. Wright State Campus - Phase IV

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 5-12-66)		
Knowlton Construction Company (Bellefontaine, Ohio)	\$1,412,600.00	\$1,295,973.00

June 9, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Wright State Campus - Phase IV (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Laboratory Equipment Contract</u> (5 bids received 5-12-66)		
Southern Desk Company (Hickory, North Carolina)	\$ 132,400.00	\$ 173,288.00
<u>Plumbing Contract</u> (4 bids received 5-12-66)		
Tibbetts Plumbing & Heating Co. (Dayton, Ohio)	229,520.00	239,711.00
<u>Mechanical Contract</u> (5 bids received 5-12-66)		
Tibbetts Plumbing & Heating Co. (Dayton, Ohio)	329,520.00	454,409.00
<u>Electrical Contract</u> (2 bids received 5-12-66)		
Bohn & Snead, Inc. (Dayton, Ohio)	245,678.00	302,389.00
<u>Elevator Contract</u> (3 bids received 5-12-66)		
Dover Elevator Company (Cincinnati, Ohio)	24,835.00	28,000.00
<u>Total Contracts</u>	<u>\$2,374,553.00</u>	<u>\$2,493,770.00</u>

Funds for this project are provided in Item 275-002, H. B. 949.

B. University Airport - Resurfacing Runways

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 5-20-66)		
Decker Construction Company (Columbus)	\$ 94,200.00	\$ 95,000.00

Funds for this project will be provided from Budget Account 121658.

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Roof and Gutter Repairs - Derby Hall and University Airport Hangars

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 5-23-66)		
George Snyder and Sons (Columbus)	\$ 14,355.00	\$ 25,000.00

Funds for this project will be provided from Budget Account 121658.

D. Telephone Ducts Relocation - Eighteenth Avenue

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 5-23-66)		
Civil Construction Company (Dublin)	\$ 16,094.00	\$ 22,000.00

Funds for this project will be provided from Budget Account 121658.

E. Olentangy River Bank Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 5-23-66)		
Jack Frost, Inc. (Columbus)	\$ 24,390.00	\$ 25,000.00

Funds for this project will be provided from Budget Account 801035.

F. Systems Engineering Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 5-26-66)		
R. W. Setterlin & Sons Company (Columbus)		
Base Bid	\$1,347,000.00	\$1,610,000.00
<u>Plumbing Contract</u>		
(5 bids received 5-26-66)		
Duckworth Plumbing & Heating Company (Columbus)		
Base Bid	\$ 117,500.00	\$ 151,000.00
Alt. P-1 Air Compressor	16,600.00	20,000.00
Total Contract	\$ 134,100.00	\$ 171,000.00

June 9, 1966 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

F. Systems Engineering Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(6 bids received 5-26-66)		
Huffman-Wolfe Company (Columbus)		
Base Bid	\$ 619,477.00	\$ 592,000.00
Alt. HAC-1 Paint Spray Booth	1,019.00	2,500.00
Alt. HAC-2 Smoke Detection System	3,717.00	4,500.00
Total Contract	<u>\$ 624,213.00*</u>	<u>\$ 599,000.00</u>
<u>Electrical Contract</u>		
(2 bids received 5-26-66)		
Mid-City Electric Company		
(Columbus)		
Base Bid	\$ 372,850.00	\$ 377,000.00
Alt. E-2 Emergency Lighting	4,868.00	6,000.00
Alt. E-3 Electric Wiring for Air		
Compressor	1,278.00	1,200.00
Total Contract	<u>\$ 378,996.00</u>	<u>\$ 384,200.00</u>
<u>Total Contracts</u>	<u>\$2,484,309.00</u>	<u>\$2,764,200.00</u>

Funds for this project will be provided from Item 012, H. B. 202.

\*The Director of Public Works has recommended that Controlling Board approval be obtained to award the Heating, Ventilating, and Air Conditioning Contract to the low bidder since it is believed that no better bids would be received by re-advertising.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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IX. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

- 42 Approves the transfer of \$405,000.00 from Item 016 Medical Complex to Item 048 Medical Center Utilities, H. B. 202, and releases \$30,000.00 for the preparation of plans and specifications for the construction of necessary utility lines for new buildings in the Medical Center.

IX. CONTROLLING BOARD APPROVALS (continued)

- 52 Approves the transfer of \$500,000.00 from Special Research Facilities, Item 034, to Item 049 Printing Facilities - Equipment, H. B. 949, and releases this amount for the acquisition of fixed and movable equipment for the new facility.
- 55 Approves the acquisition of property located at 123 West Eleventh Avenue.
- 56 Approves the acquisition of property located at 205-207 West Eleventh Avenue.
- 57 Approves the acquisition of property located at 209-211 West Eleventh Avenue.
- 58 Approves the acquisition of property located at 212 West Tenth Avenue.
- 59 Approves the acquisition of property located at 220 West Tenth Avenue.
- 60 Approves the acquisition of property located at 235 West Tenth Avenue.
- 61 Approves the transfer and release of \$377,000.00 from Item 016, Medical Complex, to Item 043 Basic Science - Medical, H. B. 202, to provide funds for architectural services to complete the plans and specifications for this facility.

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X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Dennis House (Building 13), Employment of Engineers

It was recommended that the engineering firm of W. E. Monks be employed to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing and electrical work for the above project, including design, preparation of drawings, specifications, and estimate of cost; and complete field supervision of construction.

This service will be provided at a fee of 5 1/2 per cent of the plumbing, heating, and electrical work or an estimated fee of \$18,700.00. Funds for this project will be provided from Dormitory Construction Fund.

B. Horticulture, Forestry, and Food Technology Center, Employment of Engineers

It was recommended that the engineering firm of Kramer, Comer & Passe be employed to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing and electrical work for the above project, including design, preparation of drawings, specifications, and estimate of cost; and complete field supervision of construction.

The fee for this service will be calculated on the basis of 5 1/4 per cent of the cost of the mechanical and electrical work or an estimated fee of \$63,000.00. Funds will be provided from Item 046, H. B. 949.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

C. Horticulture, Forestry, and Food Technology Center,  
Employment of Structural Engineers

It was recommended that the firm of Miller & Korda be employed to provide professional services for the structural system, including design calculations, drawings, specifications, estimate of cost, and checking shop drawings.

The fee for this service will be 0.90 per cent of the cost of the General Contract or an estimated fee of \$14,400.00. Funds for this service will be provided from Item 046, H. B. 949.

D. River Union, Employment of Structural Engineers

It was recommended that the firm of Fling & Eeman be employed to provide professional services for the structural system of this building, including design calculations, drawings, specifications, estimate of cost, and checking shop drawings.

The fee for this service will be calculated at the rate of 1.5 per cent of the general contract or an estimated fee of \$15,000.00. Funds for this project are provided from Budget Account 801083.

E. Dennis House (Building 13), Employment of Structural Engineers

It was recommended that the firm of Fling & Eeman be employed to provide professional services for the structural system, including design calculations, drawings, specifications, estimate of cost, and checking shop drawings.

The fee for this service will be calculated at the rate of 0.65 per cent of the cost of the General Contract and funds will be provided from the Dormitory Construction Fund.

F. River Union, Employment of Engineers

It was recommended that the firm of H. A. Williams & Associates be employed to provide complete professional engineering services for heating, ventilating, and air conditioning; plumbing and electrical work for the above project, including design, preparation of drawings, specifications, estimate of cost, and field observation; and inspection of construction, according to the Department of Public Works' standard contract.

The fee for this service will be 5 1/2 per cent of the cost of the mechanical and electrical work or an estimated fee of \$36,850.00 and funds will be provided from Budget Account 801083.

G. Mental Retardation Facility, Employment of Architect

It was recommended that Dan A. Carmichael, Architect, be employed to provide architectural services necessary to prepare schematic drawings, outline specifications, and estimate of cost, all as required for submittal of project grant request to the Public Health Service.

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

G. Mental Retardation Facility, Employment of Architects (continued)

The fee will be calculated on the basis of \$18.00 per hour with a maximum fee of \$10,000.00. Funds for this service will be provided from Item 016, H. B. 202.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendations were individually and collectively approved by unanimous roll call vote.

H. Lima Branch - Agreement for Sewage Facilities

President Fawcett presented the following resolution for consideration by the Board of Trustees:

WHEREAS, The Ohio State University has acquired lands in Allen County for the proposed construction of facilities to be used as a branch campus of the University; and

WHEREAS, said branch campus facilities will require sewerage facilities; and

WHEREAS, the Commissioners of Allen County, Ohio, are desirous of acting in the general interest to provide sewerage lines or mains for sewerage services; and

WHEREAS, the parties have concluded that on the basis of Sections 6117.30 and 6117.38, Revised Code, authority rests in a county board of commissioners and a public institution to enter an agreement as hereinafter set forth; and

WHEREAS, the Commissioners propose and agree to construct sewer lines or mains to the site of the Lima Branch Campus of The Ohio State University adequate for a 20-year development program in accordance with the findings of Kohli and Kaliher Associates;

NOW, THEREFORE, BE IT RESOLVED that in consideration of the construction aforesaid of the sewer facilities, subject to appropriation of funds by the Legislature of the State of Ohio, the University agrees to pay an annual charge of \$5,000.00 for a 20-year period, such payments to be made quarterly. Such payments shall constitute the sole charges due from the University for the use of said facilities during the 20-year period involved, except only that the University agrees to pay a tap charge upon completion of the project, which shall not exceed the sum of \$1,000.00; and

BE IT FURTHER RESOLVED that the Vice President for Business and Finance be authorized to sign an agreement with the Board of County Commissioners of Allen County, Ohio, on behalf of the Board of Trustees of The Ohio State University for sewerage facilities at the Lima Branch based on the conditions as stated above.

Upon motion of Mr. Bricker, seconded by Mr. Allyn, the above resolution was adopted by unanimous roll call vote.

I. Special Policeman Commission

At the request of the Vice President for Business and Finance, it was recommended that Stephen F. Lazarrus be designated as Special Policeman pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees

June 9, 1966 meeting, Board of Trustees

X. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

I. Special Policeman Commission (continued)

require Mr. Lazarrus, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Mr. Allyn, seconded by Mr. Bricker, the above recommendation was approved by unanimous roll call vote.

J. Purchase of Buildings and Property, 1598 Neil Avenue

It was recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Jesse S. Hall Estate at a price of \$20,000.00:

Being a part of Lot No. 2, Elizabeth J. McMillen's  
University Addition, Columbus, Franklin County,  
Ohio, and commonly known as 1598 Neil Avenue.

Funds are available in the Dormitory Revenue Fund for this purchase.

Upon motion of Mr. Bricker, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote.

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XI. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Loren E. Bollinger, Assistant Professor of Aeronautical and Astronautical Engineering. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Loren E. Bollinger

The Board of Trustees expresses its sorrow at the death on May 22, 1966, of Loren E. Bollinger, Assistant Professor of Aeronautical and Astronautical Engineering.

Professor Bollinger was born in East Canton, Ohio, on March 24, 1926. He was graduated from The Ohio State University with the B. E. E. degree in December of 1948 and was awarded the M. S. degree in Aeronautical Engineering in December of 1956. He was registered as a Professional Engineer in the State of Ohio in 1953.

Professor Bollinger served as a Research Assistant in the Cryogenic Laboratory of the Department of Chemistry at The Ohio State University from January 1949 to May 1951. He then joined the Aeronautical Research Laboratory of WADC at Wright-Patterson Air Force Base in Dayton, Ohio, where he served as an Electronic Engineer until October 1952. He then returned



XI. RESOLUTION IN MEMORIAM (continued)

A. Loren E. Bollinger (continued)

to The Ohio State University as a Research Engineer until December of 1956 while he undertook graduate study leading to the M.S. degree. He subsequently served as a Research Associate, Assistant Supervisor of Research, part-time Instructor in the Department of Aeronautical Engineering, and finally as Assistant Professor in the Department of Aeronautical and Astronautical Engineering after March 1960.

Professor Bollinger served as Editor-in-Chief of the ISA transactions of the Instrument Society of America since 1962 and was a member of the Ohio Academy of Science, Sigma Xi, Sigma Gamma Tau, The American Institute of Aeronautics and Astronautics, and other professional societies.

Professor Bollinger had a talent for writing about complex technical and scientific achievements throughout the world in a manner which made them understood by the public. His weekly column entitled "Man and Missiles" was carried by the Columbus Dispatch for many years. His technical interest was primarily concerned with electronic instrumentation and its application to propulsion problems. He was author or co-author of more than 65 technical papers.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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XII. REPORTS

A. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated May 31, 1966, as submitted to the Finance and Investment Committee of the Board of Trustees and distributed to all members of the Board, was ordered to be filed with the official records of the Board.

B. Report from the Chairman - Committee Appointments for 1966-67

The Chairman, Mr. Jacob E. Davis, appointed the following-named persons to membership on the Council, Committees, and Boards for 1966-67 as indicated below:

Finance and Investment Committee

Stanley C. Allyn, Chairman  
Mervin B. France, Vice Chairman  
Frederick E. Jones  
James W. Shocknessy

June 9, 1966 meeting, Board of Trustees

XII. REPORTS (continued)

B. Report from the Chairman - Committee Appointments for 1966-67 (continued)

Retirement and Insurance Committee

John G. Ketterer, Chairman  
John W. Bricker

Development Fund Board of Directors (One-Year Term)

John G. Ketterer  
Bertram D. Thomas

Research Foundation Board of Directors (Three-Year Term, July 1, 1964 - June 30, 1967)

Stanley C. Allyn

Association of Governing Boards of Universities and Colleges

Bertram D. Thomas

Inter-University Council

John W. Bricker

Ad Hoc Committee on Alumni Relationships

John G. Ketterer  
Bertram D. Thomas  
Mervin B. France  
Jacob E. Davis, ex officio

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In concluding the meeting, President Fawcett reminded the Board that Dr. John C. Weaver, Vice President for Academic Affairs and Dean of Faculties, was in attendance for his last meeting, since he will be moving soon to assume his new duties as President of the University of Missouri. Reference was made to the expression of appreciation for the effective service that Dr. Weaver has rendered to the University as recorded in the minutes for the February 10, 1966 meeting.

The Chairman, Mr. Davis, extended to Dr. Weaver the Board's best wishes for his new and enlarged responsibilities.

Dr. Weaver responded with an expression of gratitude to the President and the Board of Trustees for the opportunity they had given him here at The Ohio State University.

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June 9, 1966 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, July 14, 1966, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

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John T. Mount  
Secretary

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Jacob E. Davis  
Chairman

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APPENDIX IX

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 14, 1966

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# The Recipients of Honors

DAVID K. DETWEILER

DOCTOR OF SCIENCE

*Distinguished veterinarian, dedicated scholar, imaginative investigator, and international leader in comparative medicine*

David K. Detweiler, by his creative leadership, has united the talents of scientists in the broad fields of biological and medical research in the continuing quest for the causes of those diseases common to man and other animals. His studies of cardiovascular diseases of animals have attracted national and international attention and have provided new opportunities for improving the health of animals through the application of genetics, nutrition, and medical science. His laboratories now serve as an international center for the education and training of young scientists interested in research in comparative cardiology.

Dr. Detweiler received the V.M.D. degree in 1942 from the University of Pennsylvania's School of Veterinary Medicine, and the M.S. degree from that University's Graduate School in 1949. He began his professional career in 1942 as an instructor in the Department of Veterinary Physiology and Pharmacology at the University of Pennsylvania. In 1955-56, he received a Guggenheim Fellowship to pursue studies in cardiac physiology at the Veterinärphysiologisches Institut, Universität Zürich, Switzerland.

His exceptional personal intellect, energy, discipline, and enthusiasm led to academic achievement of the highest order and to recognition by colleagues in the veterinary medical and allied sciences at the University of Pennsylvania. He is presently Chairman, Department of Veterinary Medical Sciences, Graduate School of Medicine; Professor of Physiology, College of Veterinary Medicine; Professor of Physiology, Graduate School of Medicine; and Director, Comparative Cardio-vascular Studies Unit.

Dr. Detweiler has participated in the administration of research, education, and service interests of the American Veterinary Medical Association, the American Heart Association, the World Health Organization, the American Physiological Society, and the United States Public Health Service.

## ANDREW DENNY RODGERS III

### DOCTOR OF LETTERS

*Author, lawyer, historian of science, whose pioneering research has laid the foundation for disciplined study in the history of American botany*

Andrew Denny Rodgers III, internationally known as the author of seven scholarly biographies of American botanists, has brought great honor to Ohio, to Columbus, and to The Ohio State University. Presenting the life stories of American botanists has also provided a single story of the development of botanical science in the United States. As a result of Mr. Rodgers' writings, more is known about American botanists than about any other group of American scientists.

Mr. Rodgers is a descendent of a distinguished family intimately connected with the development of Columbus and of Ohio State. He is a direct descendant of Lucas Sullivant, founder of Franklinton; his great-uncle, Joseph Sullivant, was active in the establishment of this University and was a member of its first Board of Trustees.

Mr. Rodgers received the B.A. degree from Ohio Wesleyan University in 1922, the LL.B. from The Ohio State University in 1925, and an honorary Litt. D. from Ohio Wesleyan in 1946. His career is unique in that he has not had professional training as a botanist or historian. After practicing law from 1926 to 1933, he devoted his time to learning about history and botany and to writing books that have become "classics" for their significant documentation and evaluation of American botanical history. His first book was about his great-grandfather, William Starling Sullivant, of Columbus, an eminent world authority on mosses, whose library is the foundation of this University's botanical library collection.

In the course of his research, Mr. Rodgers discovered and preserved important collections of manuscript source materials which might otherwise have been lost. In recognition of his accomplishments and their value to botany in the United States, the Botanical Society of America, at its golden jubilee celebration in 1956, awarded him a certificate of merit, one of only 50 awarded to living botanists.



## PARKER S. DUNN

### BENJAMIN G. LAMME AWARD

*Creative engineer and prominent industrial leader*

Parker S. Dunn, President of the American Potash and Chemical Company, exemplifies the best tradition of scientific management. Under his direction, a revolutionary new process for the extraction of borates from ore was developed and installed. Heralded in the industry as one of the major breakthroughs in chemical engineering in the past five years, this development won his company the highest recognition for engineering achievement—the Kirkpatrick Award.

During Mr. Dunn's period of management with the company, he instituted policies which were instrumental in improving the morale of his workers and in achieving a nationally acclaimed safety record. As a result of a carefully balanced program of acquisitions, expansion, and application of new technology, sales and net returns have increased more than three times.

Mr. Dunn received the Bachelor of Chemical Engineering degree from The Ohio State University in 1930 and was elected to Tau Beta Pi, engineering honorary organization. In 1931, he received the Master of Science degree from Massachusetts Institute of Technology. His career in the chemical process industry spans nearly forty years and started with a summer job while he was still a student at Ohio State. In 1941, he joined the Potash Company of America at Carlsbad, New Mexico, as Research Director and later became Resident Manager. In 1951, he was named Assistant Vice President of Production and Technical Operations for American Potash and Chemical Corporation in Trona, California. Having risen through a series of administrative positions of increasing importance, he was named President in 1963.

# Graduate School

Dean: Richard Armitage

## Doctor of Philosophy

- Philip Adler, Jr.....Cincinnati  
B.Sc. in Bus.Adm.; M.B.A. (University of Miami)  
*Dissertation:* A Historical Study of Labor-Management Relations Pertaining to Dieselization of Railroads in the United States  
*Field of Specialization:* Business Organization
- John Joseph Andrews.....Decatur, Ga.  
B.B.A. (Emory University); M.S. (Florida State University)  
*Dissertation:* A Savings and Loan Association Functional Cost Analysis  
*Field of Specialization:* Business Organization
- Albert Tewfik Awad.....Cairo, Egypt  
B.Pharm., M.Pharm. (Cairo University)  
*Dissertation:* A Contribution to the Study of the Alkaloids in the Genus *Zanthoxylum* (Rutaceae)  
*Field of Specialization:* Pharmacy
- Arthur Fredrick Badenhop.....Malinta  
B.Sc. in Ag'l. Biochem.  
*Dissertation:* A Quantitative and Qualitative Study of Some of the Volatile Components in Processed Tomato Juice  
*Field of Specialization:* Horticulture and Forestry
- David Elton Bidstrup.....Greenville, Mich.  
B.S.E. (Ch.E.) (University of Michigan); M.Sc.  
*Dissertation:* Axial Dispersion of Liquids in Packed Beds and a Porous Medium Utilizing Pulse and Frequency Response Techniques  
*Field of Specialization:* Chemical Engineering
- Larry Irvin Bone.....Conrad, Ia.  
B.A. (Coe College, Iowa); M.Sc.  
*Dissertation:* The Gas Phase Radiolysis of Propane  
*Field of Specialization:* Chemistry
- Stanley David Brunn.....Bridgeport, Ill.  
B.S. in Ed. (Eastern Illinois University); M.S. (University of Wisconsin)  
*Dissertation:* Cross-sectional Analysis of Two Central Place Systems in Ohio  
*Field of Specialization:* Geography
- James Edward Bubb.....Williamsport, Pa.  
B.S. in M.E. (Bucknell University); M.S.M.E. (Purdue University)  
*Dissertation:* Boundary Layer Characteristics in a Diverging Duct  
*Field of Specialization:* Mechanical Engineering

- Keith Taylor Buck.....Norwalk, Conn.  
 B.S. (University of Michigan)  
*Dissertation: The Synthesis of Doryphora Sassafras Alkaloids and the Preparation and Oxidation of N-Acylbenzyltetrahydroisoquinolines*  
*Field of Specialization: Chemistry*
- Larry Andrew Caid.....Leavenworth, Kans.  
 B.S. (University of Maryland); M.S. (Bucknell University)  
*Dissertation: A Bayesian Approach to Competitive Bidding*  
*Field of Specialization: Industrial Engineering*
- Laura DeLashmutt Calvert.....Albuquerque, N. Mex.  
 B.A., M.A. (University of New Mexico)  
*Dissertation: Ideas and Style in the Spiritual Alphabets of Francisco De Osuna*  
*Field of Specialization: Romance Languages (Spanish)*
- Laura Hill Chapman.....Tampa, Fla.  
 B.S. (Florida State University); M.A. (New York University)  
*Dissertation: Game Theory as an Analytical Tool for Inquiry in Art Education*  
*Field of Specialization: Art*
- Robert Homer Cherry, Jr.....Columbus  
 B.S. in Ch.E. (Pennsylvania State University); M.S.E. (University of Michigan)  
*Dissertation: Azeotropic Behavior in the Critical Region: The System Aceton—n-Pentane*  
*Field of Specialization: Chemical Engineering*
- Charles Dean Corman.....South Charleston, W. Va.  
 A.B., A.M. (West Virginia University)  
*Dissertation: Stimulus Generalization of Habituation of the Galvanic Skin Response*  
*Field of Specialization: Psychology*
- Charles Cavender Davis.....Butte, Mont.  
 B.S. in Chem. (Montana State College)  
*Dissertation: The Synthesis of 9, 10-Dimethyl-1, 2-Benz-3, 4-Anthraquinone*  
*Field of Specialization: Chemistry*
- Terry Lee Davis.....Worthington  
 B.Met.E.  
*Dissertation: A Theoretical and Experimental Examination of the Nucleation of Dislocation Loops in Aluminum*  
*Field of Specialization: Metallurgical Engineering*
- David Kenneth Dawson.....Grove City  
 B.S. in Ed., M.S. in Ed. (Bowling Green State University)  
*Dissertation: An Instructional Program for Children with Perceptually Related Learning Disabilities*  
*Field of Specialization: Education*

- James Leon Day**.....Columbus  
 B.S.Pharm. (Ohio Northern University) ; M.Sc.  
*Dissertation:* I. A Re-examination of Spath and Gohring's Synthesis of Pseudoephedrine II. Synthesis of Some Ring Analogs of Ephedrine and Pseudoephedrine  
*Field of Specialization:* Pharmacy
- David Livingstone Deever**.....Westerville  
 B.A., B.S. (Otterbein College)  
*Dissertation:* Order Properties and Topologies of Sets of Transfinite Dyadic Sequences  
*Field of Specialization:* Mathematics
- Ronald Wayne Dickey**.....Pawnee, Ill.  
 B.S. (Western Illinois University) ; M.Sc.  
*Dissertation:* An Analysis of Financial Management of Agricultural Cooperative Business Organizations in Ohio and Recommendations for Improvement  
*Field of Specialization:* Agricultural Economics and Rural Sociology
- Norman Ellswood Dittrich**.....Madison, Wis.  
 B.S., M.S. (San Diego State College)  
*Dissertation:* Accounting Implications of the Relative Objectivity of the Appraisal Process  
*Field of Specialization:* Accounting
- Robert Henry Dolliver**.....Cleveland  
 B.A. (Cornell College) ; M.A.  
*Dissertation:* The Relationship of Certain Variables to the Amount of Agreement in Inventoried and Expressed Vocational Interests  
*Field of Specialization:* Psychology
- Robert Frank Fallis**.....Vancouver, B. C., Canada  
 B.A. (University of British Columbia) ; M.Sc. (McGill University)  
*Dissertation:* The Determination, Weighting, and Cross-Validation of Criterion Dimensions of Salesmen's Performance  
*Field of Specialization:* Psychology
- William Loren Flinn**.....Piqua  
 B.Sc. in Agr., M.Sc.  
*Dissertation:* Adaptation of Rural Colombian Migrant Families to the Urban Society of Bogota, Colombia  
*Field of Specialization:* Agricultural Economics and Rural Sociology
- Dennis Walden Foreman, Jr.**.....Canton  
 B.S. (Mount Union College) ; M.Sc.  
*Dissertation:* The  $(\text{O}_4\text{H}_4)^{-4}$  Tetrahedron in Tricalcium Aluminate Hexadeuterate Determined by Means of Neutron and X-Ray Diffraction  
*Field of Specialization:* Mineralogy
- Sidney Gael**.....Dayton  
 A.B. (Hunter College) ; M.S. (Pennsylvania State University)  
*Dissertation:* Cross-cultural Behavior as a Function of Attitude  
*Field of Specialization:* Psychology

- Wilbur Seth Gaugh.....Sharon, Pa.  
 B.A. (Thiel College)  
*Dissertation:* The Synthesis of 3-(1-Naphthyl-4-phenanthrylmethyl) Glutaric Acid: A Potential Intermediate for Heptahelicene  
*Field of Specialization:* Chemistry
- Claude Milton Gillespie, Jr.....Columbus  
 B.S. in Phys. (Georgia Institute of Technology)  
*Dissertation:* The Use of a Solid State Detector for Conversion Electron Spectroscopy and a Study of the Radioactive Decay of  $^{97}\text{Ru}$   
*Field of Specialization:* Physics
- Frances McClure Griffin.....Rushsylvania  
 B.S. (Geneva College); M.S. (University of Pittsburgh)  
*Dissertation:* On the Interaction of Chemical Stimuli with Taste Receptors  
*Field of Specialization:* Physiological Chemistry
- Edwin Raymond Haering.....Columbus  
 B.Ch.E., M.Sc.  
*Dissertation:* Dynamic Adsorption and Desorption Studies on a Reactive System: t-Butyl Alcohol—Water—Isobutylene—Alumina  
*Field of Specialization:* Chemical Engineering
- Robert Joseph Hanny.....Youngstown  
 B.Sc. in Edu., M.A.  
*Dissertation:* The Relationship Between Selected Personality Characteristics and Teacher Verbal Behavior  
*Field of Specialization:* Education
- Sarah Mildred Harper.....Greenville, Miss.  
 B.S.H.E. (Tuskegee Institute); M.S. (Columbia University)  
*Dissertation:* The Relation of Selected Nutritional Factors to the Development of Passive Systemic Anaphylaxis and Antibody Formation in Gnotobiot and Conventional Mice  
*Field of Specialization:* Home Economics
- Janice Nedra Harrison.....Hiram  
 B.A., M.A.  
*Dissertation:* The Relation of Student Expectancy Level to Improvement in a Study Skills Course and in Counseling  
*Field of Specialization:* Psychology
- Hooshang Hemami.....Esfahan, Iran  
 B.S. (University of Teheran); M.S.E.E., E.E. (Massachusetts Institute of Technology)  
*Dissertation:* Representation and Identification of Nonlinear Systems  
*Field of Specialization:* Electrical Engineering
- William Morris Hill.....Columbus  
 A.B. (Miami University); B.Sc. in Edu., M.Edu.  
*Dissertation:* The Effects on Verbal Teaching Behavior of Learning Interaction Analysis as an In-Service Education Activity  
*Field of Specialization:* Education

- William Ransom Hoots, Jr.**.....Greenville, N. C.  
 B.S. in Ed., M.A. in Ed. (Western Carolina Teachers College)  
*Dissertation: Graphic Arts Education in the Public Schools of North Carolina, with Implications for Teacher Education*  
*Field of Specialization: Education*
- Mark Robert Hopkins**.....Evansville, Ind.  
 A.B. (Wabash College)  
*Dissertation: On the Existence of a Finite Invariant Measure*  
*Field of Specialization: Mathematics*
- Heung Tai Kim**.....Seoul, Korea  
 B.Sc. in Eng. (Seoul National University); M.Sc.  
*Dissertation: Kinetic Interpretation of Non-Newtonian Flow*  
*Field of Specialization: Chemical Engineering*
- Joann Kindt**.....Prescott, Ariz.  
 B.F.A., M.F.A. (School of the Art Institute, Chicago, Illinois)  
*Dissertation: Compositional Forms in the Landscape Genre and Their Persistence in Twentieth-Century Abstract Painting, with an Exhibition of Paintings*  
*Field of Specialization: Art*
- Harvey Lee Kiser**.....Wapakoneta  
 B.Sc. in Agr., M.Sc.  
*Dissertation: An Analysis of the Return on Investment in Country Elevators in Ohio, 1956-1964*  
*Field of Specialization: Agricultural Economics and Rural Sociology*
- Vipin Mohanlal Kothari**.....Ahmedabad, India  
 B.S. (Gujarat University); M.S. (Brigham Young University)  
*Dissertation: Metal Complexes of Cysteine, Its Analogs, and Derivatives*  
*Field of Specialization: Chemistry*
- Phasook Kullavanijaya**.....Bangkok, Thailand  
 B.Ch.E., M.Sc.  
*Dissertation: Statistical Study of the Benzene Oxidation Process in a Fluidized Bed Reactor*  
*Field of Specialization: Chemical Engineering*
- John Robert Larry**.....Mount Clare, W. Va.  
 B.S. (West Virginia University)  
*Dissertation: Studies of the Interaction of Chlorophylls and Derivatives with Trinitrobenzene*  
*Field of Specialization: Chemistry*
- Eugenio Lerner**.....Rio de Janeiro, Brazil  
 B.S. (University of Brazil); M.Sc.  
*Dissertation: Thermal, Electrical, and Magnetic Properties of Superconducting Mo-Re Alloys*  
*Field of Specialization: Physics*

- Inez Baisden Livingston.....Oak Hill  
 B.S. in H.Ec. (University of Kentucky) ; M.A.  
*Dissertation:* Social, Economic, and Political Influences on the Development of Residence Halls for Women in Colleges and Universities in the United States  
*Field of Specialization:* Education
- Tanweer Ahmad Lodhi.....Lyallpur, Pakistan  
 B.Sc., M.Sc. (University of the Punjab) ; M.A. (American University of Beirut)  
*Dissertation:* Developing a Pre-Service Education Program for Agriculture Teachers at West Pakistan Agricultural University, Lyallpur (Pakistan)  
*Field of Specialization:* Agricultural Education
- John Frederick Long.....Napoleon  
 B.A., D.V.M., M.Sc.  
*Dissertation:* The Natural Occurrence and Experimental Production of Porcine Polioencephalomyelitis  
*Field of Specialization:* Veterinary Pathology
- Mark Morris Macomber.....Pasadena, Calif.  
 B.S. in Engr. (California Institute of Technology) ; M.Sc.  
*Dissertation:* The Influence of Anomalous Gravity on the Performance of a Mechanically Perfect Inertial Navigation System  
*Field of Specialization:* Geodetic Science
- Mohamed Fathi Madkour.....Giza, Egypt  
 B.Mine.Eng. (Cairo University) ; M.Sc.  
*Dissertation:* On the Gravity Anomaly Above the Earth and Its Attenuation  
*Field of Specialization:* Geodetic Science
- James Lawrence Marshall.....Decatur, Ala.  
 B.S. (Indiana University)  
*Dissertation:* The Nonclassical Norbornyl Cation  
*Field of Specialization:* Chemistry
- John Edwin McDavid, Jr.....Columbus  
 B.Sc. in Agr., M.B.A.  
*Dissertation:* Contributions Other than Capital Funds of the Small Business Investment Companies to Small Business  
*Field of Specialization:* Business Organization
- Cleveland McDonald.....Pittsburgh, Pa.  
 B.A. (James Milliken University) ; M.Litt. (University of Pittsburgh)  
*Dissertation:* The History of Cedarville College  
*Field of Specialization:* Education
- William Wilfred McKenna.....Reedsville, Pa.  
 B.S. (Pennsylvania State University) ; S.M. (Massachusetts Institute of Technology)  
*Dissertation:* An Investigation of the Behavior of a Detonation Wave in a Flowing Combustible Mixture  
*Field of Specialization:* Aeronautical and Astronautical Engineering

- Juan Bautista Modolell.....Santa Cruz de Tenerife, Spain  
*Dissertation:* Adenosine Triphosphatase Activities of Rat Epididymal Adipose Tissue  
*Field of Specialization:* Agricultural Biochemistry
- Ahmed-Kilani Mohamed Mostafa.....Alexandria, Egypt  
 B.Sc., M.Sc. (University of Alexandria)  
*Dissertation:* Studies on the Control of Vascular Wilt Diseases of Cotton by Fungi Associated with the Cotton Plant  
*Field of Specialization:* Botany and Plant Pathology
- Herbert H. Muktarian.....Columbus  
 A.B. (Miami University); B.D., S.T.M. (Wittenberg University)  
*Dissertation:* A Study of Development of Conservation of Quantity  
*Field of Specialization:* Psychology
- Robert Howard Osborne.....Akron  
 B.S. (Kent State University); M.S. in Geol. (Washington State University)  
*Dissertation:* Bedrock Geology and Limestone Petrology of Eastern Hamilton County, Ohio  
*Field of Specialization:* Geology
- Gurland Howard Phillips.....Columbus  
 B.Sc. in Agr., M.Sc.  
*Dissertation:* Rural and Urban Value Commitments and Their Relationship to Social Action  
*Field of Specialization:* Agricultural Economics and Rural Sociology
- George Alvin Pierce.....Reynoldsburg  
 S.B. (Massachusetts Institute of Technology)  
*Dissertation:* Optical Measurement of Pressure on an Oscillating Supersonic Airfoil  
*Field of Specialization:* Aeronautical and Astronautical Engineering
- Linda Jane Piper.....Blairsville, Pa.  
 A.B. (University of Pittsburgh); M.A.  
*Dissertation:* A History of Sparta: 323-146 B.C.  
*Field of Specialization:* History
- Donald Elden Pitzer.....Springfield  
 A.B. (Wittenberg University); M.A.  
*Dissertation:* Professional Revivalism in Nineteenth-Century Ohio  
*Field of Specialization:* History
- John William Reed.....Cedarville  
 B.A. (William Jennings Bryan College); B.D. (Grace Theological Seminary); M.A. (Bowling Green State University)  
*Dissertation:* The Rhetoric of a Colonial Controversy: Roger Williams Versus the Massachusetts Bay Colony  
*Field of Specialization:* Speech



- George William Reynolds, Jr.....Latham, N. Y.  
 B.S., M.S. (State University of New York, Albany)  
*Dissertation:* The Usefulness of the Portable Video Recorder in Supervising Student Teachers of Science  
*Field of Specialization:* Education
- Robert Barzilla Ribble.....Allentown, Pa.  
 B.S. in Edu. (Pennsylvania State Teachers College, Kutztown); M.S. in Edu. (Temple University)  
*Dissertation:* The Structure-Discovery Approach in the Social Studies  
*Field of Specialization:* Education
- Donald Lee Roth.....Uhrichsville  
 B.M.E., M.Sc.  
*Dissertation:* An Analytical Study of Some Effects of External Vibrations and Internal Imperfections on the Performance of Gyroscopes  
*Field of Specialization:* Engineering Mechanics
- Edgar Ernest Russell.....Columbus  
 B.Sc. in Phys., M.Sc.  
*Dissertation:* Measurement of the Optical Constants of Sapphire and Quartz in the Far Infrared with the Asymmetric Fourier Transform Method  
*Field of Specialization:* Physics
- Glenn Alan Saltzman.....Findlay  
 B.Sc. in Edu., M.A.  
*Dissertation:* Programed Materials and School Counselor Development  
*Field of Specialization:* Education
- Clyde Calvin Schrickel.....Cincinnati  
 A.B. (Hanover College); M.B.A. (Xavier University)  
*Dissertation:* Personnel Practices of United States Manufacturing Firms Operating in Colombia, Ecuador, Peru, and Venezuela  
*Field of Specialization:* Business Organization
- Charles Roy Schultz.....Mystic, Conn.  
 B.A. (Texas Lutheran College); M.A. (Bowling Green State University)  
*Dissertation:* Hayne's Magnificent Dream: Factors Which Influenced Efforts to Join Cincinnati and Charleston by Railroad, 1835-1860  
*Field of Specialization:* History
- Allen Edward Segrist.....Delta  
 B.S. in Ed. (Miami University); M.A.  
*Dissertation:* Admission of Transfer Students  
*Field of Specialization:* Education
- William Paul Sexton.....Columbus  
 B.Sc. in Bus. Adm., M.B.A.  
*Dissertation:* Organizational Necessities and Individual Needs: An Empirical Study  
*Field of Specialization:* Business Organization

- Moses Maurice Sheppard.....Norfolk, Va.  
 B.S., M.A. (East Carolina College, Greenville, North Carolina)  
*Dissertation:* The Environmental Factors Related to the Learnings of  
 Ninth-Grade Science Pupils  
*Field of Specialization:* Education
- Richard Walter Skinner.....Tacoma  
 B.Sc. in Agr., M.Sc.  
*Dissertation:* Consumer Motivation in Supermarket Selection: A Factor  
 Analysis  
*Field of Specialization:* Agricultural Economics and Rural Sociology
- Melvin Michel Slott.....Whitewater, Wis.  
 B.A., M.A.  
*Dissertation:* Summer Theatre in American Colleges and Universities:  
 A Directory  
*Field of Specialization:* Speech
- John Marion Speer.....Oconee, Ill.  
 B.S. (Eastern Illinois University); M.Sc.  
*Dissertation:* Biosystematic Studies in the Genus *Silphium* L. (Com-  
 positae): *S. asteriscus* L. and *S. asperrimum* Hooker  
*Field of Specialization:* Botany and Plant Pathology
- Phillip Eugene Stebbins.....Columbus  
 B.S. (University of Wisconsin); LL.B.  
*Dissertation:* A History of the Role of the United States Supreme  
 Court in Foreign Policy  
*Field of Specialization:* History
- Ralph Cletus Steinlage.....St. Henry  
 B.S. (University of Dayton); M.Sc.  
*Dissertation:* Haar Measure in Locally Compact Hausdorff Spaces  
*Field of Specialization:* Mathematics
- Reuben Victor Stohs.....Oak Park, Ill.  
 B.S. in Ed. (Concordia Teachers College); M.A. (University of Minne-  
 sota)  
*Dissertation:* Comparative Analysis of Personality Variables Among  
 Graduate Students in Guidance and Physical Education and Among  
 School Counselors  
*Field of Specialization:* Education
- Ralph Woodrow Storts.....Zanesville  
 D.V.M.; M.S. (Purdue University)  
*Dissertation:* A Study of Myelinating Canine Cerebellar Tissue Cul-  
 ture During Normal Development and Following Exposure to Canine  
 Distemper Virus  
*Field of Specialization:* Veterinary Pathology
- Karlis Svanks.....Columbus  
 Chem.Engr. (University of Latvia)  
*Dissertation:* Flow Characteristics of Adsorbed Gas Through Porous  
 Vycor  
*Field of Specialization:* Chemical Engineering

- Robert Lee Swaim.....Dayton  
 B.S.Aero.E., M.S. Aero.E. (Purdue University)  
*Dissertation:* Active Control of Booster Elasticity  
*Field of Specialization:* Electrical Engineering
- Carol Reichert Sweeney.....Columbus  
 A.B. (Antioch College); M.Sc.  
*Dissertation:* Biosystematic Studies in the Genus *Silphium* L. (Compositae): *Silphium compositum* Michaux  
*Field of Specialization:* Botany and Plant Pathology
- Robert James Thierauf.....Cincinnati  
 B.Sc. in Bus.Adm., M.B.A. (Xavier University)  
*Dissertation:* The Measurement and Managerial Uses of the Value Added Ratio with the Proposed Production Income and Value Added Statement  
*Field of Specialization:* Business Organization
- John Powers Thomas.....New Orleans, La.  
 B.S.(M.E.), B.S.(Aero.E) (University of Colorado); M.S.M.E. (Purdue University)  
*Dissertation:* Investigation of the Pressure Distribution on a Blunt-Fin Blunt-Plate Combination of a Mach Number of 11.26  
*Field of Specialization:* Aeronautical and Astronautical Engineering
- James Hugh Thompson.....Findlay  
 B.S. (Findlay College); M.Ed. (Bowling Green State University)  
*Dissertation:* A Study of the Teaching Situation Reaction Test  
*Field of Specialization:* Education
- William Andrew Troth.....Fairborn  
 A.B., M.Ed. (Wittenberg University)  
*Dissertation:* The Nature and Range of School Counselor Sub-Roles in the Counseling Interview  
*Field of Specialization:* Education
- Edward William Ungar.....Columbus  
 B.M.E. (City College, New York); M.Sc.  
*Dissertation:* The Effect of Fluid Injection and Suction on the Laminar Boundary Layer/Shock Wave Interaction  
*Field of Specialization:* Mechanical Engineering
- Johannes Cornelis Vanderleeden.....Hengelo, Holland  
 B.Sc., M.Sc.  
*Dissertation:* Double-Photon Decay in Zirconium-90 and Double Internal Bremsstrahlung in the Beta Decay of Yttrium-90 and Phosphorus-32  
*Field of Specialization:* Physics
- Cletus Norman Welch.....Convoy  
 B.S. (Bowling Green State University); M.Sc.  
*Dissertation:* Synthesis, Characterization, and Reactions of Selected Heteronuclear Diboron Ring Systems  
*Field of Specialization:* Chemistry

- Marlin Spike Werner.....Asheville, N. C.  
 A.B. (University of Missouri); M.S. (Johns Hopkins University)  
*Dissertation: Alterations in the Duration, Pitch, and Intensity of Spoken Passages Through Successively Hearing and Repeating Them*  
*Field of Specialization: Speech*
- Brent Guy Wilson.....Preston, Idaho  
 B.S. (Utah State University)  
*Dissertation: The Development and Testing of an Instrument to Measure Aspective Perception of Paintings*  
*Field of Specialization: Art*
- Richard Neil Wolman.....Columbus  
 A.B. (Brandeis University); M.A.  
*Dissertation: A Development Study of the Perception of People*  
*Field of Specialization: Psychology*
- Marcus Orrin Workman.....Massillon  
 B.A. (Manchester College)  
*Dissertation: Transition Metal Complexes of Tridentate Ligands Containing Phosphorus, Arsenic, and Sulfur Donor Atoms*  
*Field of Specialization: Chemistry*
- Jay Howard Worrell.....Durham, N. H.  
 B.S., M.S. in Chem. (University of New Hampshire)  
*Dissertation: Stereochemistry of Cobalt (III) Complexes Derived from Linear Tetradentate Ligands Containing Pairs of Thioether and Primary Amine Groups*  
*Field of Specialization: Chemistry*
- James Elbert Wright.....Kerrville, Tex.  
 B.S. (Agricultural and Mechanical College of Texas)  
*Dissertation: Diapause Induction, Maintenance, and Termination Studies on Larvae of Aedes triseriatus (Say) (Diptera: Culicidae)*  
*Field of Specialization: Zoology and Entomology*
- Keith Edward Yandell.....Royal Oak, Mich.  
 A.B., M.A. (Wayne State University)  
*Dissertation: Metaphysical Systems and Decision Procedures*  
*Field of Specialization: Philosophy*
- Peter Kin-Liang Yin.....Taipei, Taiwan, China  
 B.S. (Virginia Polytechnic Institute); M.Sc.  
*Dissertation: High Resolution Spectra of Arsine*  
*Field of Specialization: Physics*
- Fredrick Claus Zumsteg.....Lexington  
 B.S. (University of Illinois); M.A.  
*Dissertation: A Comparative Study of Teacher Participation in Educational Planning for New Elementary School Buildings*  
*Field of Specialization: Education*

(Ninety-eight candidates)

## Master of Accounting

Russell M. Barefield.....San Antonio, Tex.  
B.B.A. (University of Texas)  
*Field of Specialization: Accounting*

Robert William Bertelsbeck.....Cleveland  
B.Sc. in Bus.Adm.  
*Field of Specialization: Accounting*

Lee In Sook Brungs.....Columbus  
B.Sc. in Bus.Adm.  
*Field of Specialization: Accounting*

Frederick Earl Carpenter.....Cuyahoga Falls  
B.S. (Miami University)  
*Field of Specialization: Accounting*

Harvey Kimmel.....Philadelphia, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Accounting*

James Harold Macklin.....Newark  
B.A.  
*Field of Specialization: Accounting*

Emmett Daniel Smith.....Sacramento, Calif.  
B.B.A. (Baylor University)  
*Field of Specialization: Accounting*

(Seven candidates)

## Master of Architecture

Neville Henry Clouten.....Cooranbong, N.S.W., Australia  
B.Arch. (University of Sydney)  
*Field of Specialization: Architecture*

Harry Hung Kwan Lau.....Hong Kong, China  
B.Arch.  
*Field of Specialization: Architecture*

(Two candidates)

## Master of Arts

- Peter Afzal Abdul-Haqq.....Chandigarh, Punjab, India  
B.Sc. (University of Allahabad) ; M.A. (Agra University)  
*Field of Specialization: Education*
- Aline Neidhart Anderson.....Sandusky  
B.S. (Miami University)  
*Field of Specialization: Speech*
- Sterling Treat Apthorp, Jr.....Shaker Heights  
A.B. (Dartmouth College) ; B.Sc. in Edu.  
*Field of Specialization: Education*
- Warren Alan Baker.....Buffalo, N. Y.  
B.Sc.  
*Field of Specialization: Education*
- Laura Gerlach Ballenger.....Kent  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Marianne Peternella B. Barendregt.....Fairborn  
B.A.  
*Field of Specialization: Romance Languages (French)*
- Roger Allen Barnett.....Columbus  
B.Sc.  
*Field of Specialization: Psychology*
- Shirley Miller Bartell.....Columbus  
B.S. (University of Nebraska)  
*Field of Specialization: English*
- Bonnie Jo Barthold.....Tucson, Ariz.  
B.A. (University of Arizona)  
*Field of Specialization: English*
- Peter John Bath.....London, England  
B.Sc. (Econ.) (University of London)  
*Field of Specialization: Political Science*
- Penelope Ann Bazler.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- John Henry Becker.....Westerville  
B.A. (Otterbein College) ; M.S. (University of Illinois)  
*Field of Specialization: History*
- Charles Adrien Benore.....Columbus  
B.S.C. (Ohio Universtiy)  
*Field of Specialization: Economics*

- Hilda Cheek Bess.....Columbus  
 B.S. (Agricultural and Technical College of North Carolina)  
*Field of Specialization: Education*
- Carol S. Bichan.....Hamler  
 B.S. in Edu. (Bowling Green State University)  
*Field of Specialization: Education*
- Rosalyn Lee Biederman.....Shaker Heights  
 B.A.  
*Field of Specialization: Romance Languages (Spanish)*
- David Karl Binau.....Columbus  
 B.Sc. in Edu.  
*Field of Specialization: Education*
- Sarah Gilbert Bishop.....Tenafly, N. J.  
 B.A. (College of Wooster)  
*Field of Specialization: Romance Languages (Spanish)*
- Harry Richard Blaine.....Youngstown  
 B.A.; LL.B. (Yale University)  
*Field of Specialization: Sociology (Anthropology)*
- Michael Steven Boley.....Columbus  
 A.B. (Ohio University)  
*Field of Specialization: Political Science*
- Eugene Lee Borden.....Ashley  
 B.Sc. in Edu.  
*Field of Specialization: Education*
- James Allen Braden.....Washington, Pa.  
 B.S. in Ed. (California State College, Pennsylvania)  
*Field of Specialization: History*
- Fredrick Leroy Bradshaw.....Fort Collins, Colo.  
 B.A. (Colorado State University)  
*Field of Specialization: History*
- Roger Joseph Brandner.....Cincinnati  
 B.S. (Xavier University)  
*Field of Specialization: Education*
- Jonathan Spencer Bray.....Albany, N. Y.  
 B.A.  
*Field of Specialization: History*
- Douglas MacArthur Brown.....Warren  
 A.B. (Wittenberg University)  
*Field of Specialization: Economics*

- David Bredt Brubaker**.....**Reynoldsburg**  
**B.S. (Kent State University)**  
*Field of Specialization: Journalism*
- Thomas Glenn Buckham, Jr.**.....**Mt. Vernon**  
**B.A.**  
*Field of Specialization: Journalism*
- Betty White Buckner**.....**Columbus**  
**B.Sc. in Edu.**  
*Field of Specialization: Art*
- Rita Kathryn Burns**.....**Columbus**  
**B.Sc. in Edu.**  
*Field of Specialization: Education*
- Richard Harley Calendine**.....**Parkersburg, W. Va.**  
**B.A. (West Virginia Wesleyan College)**  
*Field of Specialization: Psychology*
- Lowanne Jones Callander**.....**Bowling Green**  
**A.B. (Miami University)**  
*Field of Specialization: Romance Languages (French)*
- David John Carlson**.....**Cleveland**  
**B.Sc. in Edu.**  
*Field of Specialization: Education*
- Malcolm Wright Chandler, Jr.**.....**Silver Spring, Md.**  
**B.S. (United States Military Academy)**  
*Field of Specialization: Education*
- Janet Pirro Cisler**.....**Grove City**  
**B.A. (Malone College)**  
*Field of Specialization: English*
- Ann Abrahamson Conklin**.....**Evanston, Ill.**  
**B.S. (Iowa State University)**  
*Field of Specialization: Education*
- Sharon Kuhn Corbett**.....**Columbus**  
**B.S. in Ed. (Ball State Teachers College)**  
*Field of Specialization: Education*
- William Lawson Currie**.....**Columbus**  
**A.B. (Illinois College)**  
*Field of Specialization: Psychology*
- Rosemary Dassel**.....**Columbus**  
**B.S. in Edu. (Capital University)**  
*Field of Specialization: Education*



- Patricia Allen Davis.....Springfield  
 B.A. (Fisk University)  
*Field of Specialization: English*
- Bernice Sanor Doughty.....Homeworth  
 B.Sc., B.Sc. in Edu.  
*Field of Specialization: Education*
- Dorothy Quincy Driver.....Boston, Mass.  
 B.A. (Bryn Mawr College)  
*Field of Specialization: Physical Education*
- Charles Gary Echelbarger.....Findlay  
 B.A.  
*Field of Specialization: Philosophy*
- John Reed Ewart.....Mt. Vernon  
 B.Sc. in Agr.  
*Field of Specialization: Agricultural Education*
- Carolyn Pifer Faust.....Mansfield  
 B.A.  
*Field of Specialization: Music*
- Robert Neal Ferguson.....Baltimore, Md.  
 B.S. (Howard University)  
*Field of Specialization: Speech*
- Adalene Smith Flechtner.....Middleport  
 B.A., B.Sc. in Edu.  
*Field of Specialization: Music*
- John Frederick Fleischauer.....Dayton  
 A.B. (Cornell University)  
*Field of Specialization: English*
- Joan Lucille Foucht.....Zanesville  
 B.Sc. in Edu.  
*Field of Specialization: Education*
- Harvey Richard Freeman.....Cleveland  
 A.B. (Miami University)  
*Field of Specialization: Psychology*
- Barry Friedlander.....New York, N. Y.  
 A.B. (City College, New York)  
*Field of Specialization: Journalism*
- John Burton Galipault.....Worthington  
 B.S. (State University Teachers' College, Cortland, New York)  
*Field of Specialization: Education*
- Joan Zimmerman Garver.....Fostoria  
 B.A.  
*Field of Specialization: Journalism*

- Leonard Seymour Goldberg.....New York, N. Y.  
 B.A. (State University College of Education, Oswego, New York)  
*Field of Specialization: Education*
- Allan David Goldfarb.....Albany, N. Y.  
 B.A.  
*Field of Specialization: Political Science*
- Peter Alexis Goudinoff.....Lakewood  
 B.A.  
*Field of Specialization: Political Science*
- Joseph Kennedy Groscoast.....Sandusky  
 B.A. (Ohio Wesleyan University)  
*Field of Specialization: Physical Education*
- Roland Francis Haag.....Cleveland  
 A.B. (John Carroll University)  
*Field of Specialization: Classical Languages (Latin)*
- Dennis Raphael Hall.....Columbus  
 B.A. (University of Notre Dame)  
*Field of Specialization: English*
- Randolph Thomas Harper.....Hartford, Conn.  
 B.S.S. (Fairfield University)  
*Field of Specialization: Psychology*
- Shirley Ann Heiby.....Bucyrus  
 B.S. in Edu. (Bowling Green State University)  
*Field of Specialization: Education*
- Robert Hartley Henry.....West Mansfield  
 B.S. in Edu. (Ohio Northern University)  
*Field of Specialization: Education*
- Pamela Huddy Higgins.....Columbus  
 B.Sc. in Edu.  
*Field of Specialization: Art*
- Paul Thomas Hill.....Riverton, Wyo.  
 B.A. (Seattle University)  
*Field of Specialization: Political Science*
- Wayne Larry Hoffman.....Oshkosh, Wis.  
 B.S. (Wisconsin State College)  
*Field of Specialization: Geography*
- Brian Patrick Holleran.....Cuyahoga Falls  
 B.S. (Kent State University)  
*Field of Specialization: Speech*
- Beverly Rine Holmes.....Columbus  
 B.S. in Edu. (Bowling Green State University)  
*Field of Specialization: Education*

- Lester Louis Homan**.....Chickasaw  
 B.A. (Saint Josephs College)  
*Field of Specialization: Slavic Languages*
- Marianne Fry Imhoff**.....Hilliard  
 B.Sc. in Edu.  
*Field of Specialization: Education*
- Teruhiro Ishiguro**.....Morishoji, Japan  
 B.A., M.A. (Doshisha University)  
*Field of Specialization: Linguistics*
- Choji Ishimine**.....Naha, Okinawa  
 B.Ed. (University of the Ryukyus)  
*Field of Specialization: Music*
- Herbert Curtis James**.....East Liverpool  
 B.Sc. in Edu.  
*Field of Specialization: Education*
- Marjorie King Johnson**.....Mt. Vernon  
 A.B. (Denison University)  
*Field of Specialization: Speech*
- Sharon Cenname Jolly**.....Bethel Park, Pa.  
 B.A. (Catholic University of America)  
*Field of Specialization: Speech*
- Nancy Ann Jones**.....Lubbock, Tex.  
 B.S. in Edu. (Texas Technological College)  
*Field of Specialization: Education*
- Stephanie Lorber Karger**.....Waltham, Mass.  
 A.B. (Brandeis University) ; B.Sc. in Edu.  
*Field of Specialization: History*
- Jessie Louise Keller**.....Toledo  
 B.Sc. in Edu.  
*Field of Specialization: Education*
- Constance Bunte Kenty**.....Columbus  
 B.S. in Ed. (University of Cincinnati)  
*Field of Specialization: Education*
- David Turney Keyes**.....Tucson, Ariz.  
 B.F.A. (University of Arizona)  
*Field of Specialization: Art*
- Richard Christopher Kinard**.....Carmel, Calif.  
 B.S. (United States Military Academy)  
*Field of Specialization: Political Science*

- Evelyn Grant Klemm**.....Carterville, Ill.  
 B.A. (Southern Illinois University)  
*Field of Specialization: English*
- Thomas Williams Lacey**.....Columbus  
 B.Sc. in Bus.Adm.  
*Field of Specialization: Economics*
- Steven James Lautermilch**.....Tiffin  
 A.B. (John Carroll University)  
*Field of Specialization: English*
- Neil Burkhardt Lehman**.....Berne, Ind.  
 A.B. (Bluffton College)  
*Field of Specialization: History*
- Robert Lee Lembright**.....Alliance  
 A.B. (Miami University)  
*Field of Specialization: History*
- Rosemary Forsyth Leuchter**.....Columbus  
 A.B. (Denison University); M.A. (Columbia University)  
*Field of Specialization: English*
- James Ellsworth Lifer**.....Ashland  
 B.S. in Edu. (Ashland College)  
*Field of Specialization: Education*
- Elizabeth Lewton Long**.....Oil City, Pa.  
 B.Sc. in Edu.  
*Field of Specialization: Romance Languages (French)*
- Frank Patrick Lynch, Jr.**.....Columbus  
 B.Sc. in Edu.  
*Field of Specialization: Education*
- Jack William Lyttle**.....Cambridge  
 B.A. (Muskingum College)  
*Field of Specialization: Education*
- Laurence Eben MacDonald**.....Columbus  
 B.Mus.  
*Field of Specialization: Music*
- Carol Black Maize**.....Columbus  
 B.M.Ed. (Capital University)  
*Field of Specialization: Music*
- Charlotte Ann Manley**.....Columbus  
 B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*

- James Sinclair Mathison.....Prentiss, Miss.  
B.S. (United States Military Academy)  
*Field of Specialization: Education*
- Kathe Kahn Mayer.....New Rochelle, N. Y.  
B.A. (University of Delaware)  
*Field of Specialization: History*
- Lynn David Mayer.....Sandusky  
B.A. (Hobart College); B.F.T. (American Institute for Foreign Trade)  
*Field of Specialization: Business Organization*
- Ida Lucille McDaniel.....Columbus  
A.B. (Asbury College)  
*Field of Specialization: Education*
- Kathryn Sue McDaniel.....Richwood  
B.A., B.Sc. in Edu.  
*Field of Specialization: Education*
- Diane Alane McDowell.....Dublin  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Nikki Pascal McMillin.....Bethel, Me.  
B.A. (University of Denver)  
*Field of Specialization: Speech*
- Betty Jane Merrilees.....Cambridge  
B.S. in Edu. (Muskingum College)  
*Field of Specialization: Education*
- Donald Edwin Metzler.....Circleville  
B. of Music Edu. (Otterbein College)  
*Field of Specialization: Education*
- Joseph Alexander Mihalka.....Cleveland  
B.A.  
*Field of Specialization: Education*
- Barbara Anne Mitchell.....Detroit, Mich.  
B.A. (Mercy College)  
*Field of Specialization: Classical Languages (Latin)*
- David Clinton Morris.....Grove City  
B.A.  
*Field of Specialization: Sociology*
- Barbara Anne Muller.....Bronx, N. Y.  
B.A. (Harpur College)  
*Field of Specialization: Psychology*
- Leslie Edward Mullins.....Enterprise, Ala.  
B.A. (University of Alabama)  
*Field of Specialization: Journalism*

- William Anthony Muraco.....Cleveland  
 B.Sc. in Edu.  
*Field of Specialization: Geography*
- Adrian Ann Murphy.....Bowling Green  
 B.A.  
*Field of Specialization: Sociology*
- Bette Kay Musgrave.....Lebanon  
 B.Sc. in Edu.  
*Field of Specialization: Education*
- Wayne Arthur Oliver.....Huntsburg  
 A.B. (Hiram College)  
*Field of Specialization: Psychology*
- Andrew Joseph Oravets.....Toledo  
 A.B. (University of Dayton)  
*Field of Specialization: English*
- Elizabeth Hobart Ostrander.....Columbus  
 A.B. (University of Cincinnati)  
*Field of Specialization: English*
- Hanora Marie O'Sullivan.....Astoria, N. Y.  
 B.A. (Marymount-Manhattan College)  
*Field of Specialization: Speech*
- Jean Lannert Patton.....Columbus  
 B.S. (Wittenberg University)  
*Field of Specialization: Education*
- Lawrence Edwin Peterson.....Lake Forest, Ill.  
 B.A. (Northwestern University)  
*Field of Specialization: Political Science*
- William Frank Pilder.....Cincinnati  
 B.S. in Edu. (University of Dayton)  
*Field of Specialization: Education*
- Donald William Pollock.....Woodsfield  
 B.Sc. in Agr.  
*Field of Specialization: Agricultural Education*
- Linda Penny Port.....Wantagh, N. Y.  
 A.B. (Adelphi College)  
*Field of Specialization: Education*
- Jean Melick Potts.....Bladensburg  
 B.S. in Edu. (Kent State University)  
*Field of Specialization: Education*

- Luis Mariano Proenza.....Atlanta, Ga.  
A.B. (Emory University)  
*Field of Specialization: Psychology*
- George William Rader.....Columbus  
B.A.  
*Field of Specialization: History*
- Roland Thomas Ramsay.....Granville  
B.Sc.  
*Field of Specialization: Education*
- Roger Charles Rathbun.....Metamora  
A.B. (Capital University)  
*Field of Specialization: English*
- Peter Nichols Richardson.....Gurnee, Ill.  
A.B. (Stanford University)  
*Field of Specialization: German*
- Anne Beck Rismiller.....Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: English*
- Linda Myrtle Ritter.....Columbus  
B.S. in Ed. (Miami University)  
*Field of Specialization: Education*
- Elizabeth Beach Robinson.....Canton  
B.A.  
*Field of Specialization: Sociology*
- Susan Sprague Rork.....Elizabeth, N. J.  
B.A. (Ithaca College)  
*Field of Specialization: Romance Languages (French)*
- Marty Sonya Royal.....Birmingham, Ala.  
B.Sc. in Edu.  
*Field of Specialization: Speech*
- Robert Boyd St. John.....Erie, Pa.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*
- Ethel Jean Schaen.....Cincinnati  
B.S. (University of Cincinnati)  
*Field of Specialization: Education*
- Ann Marie Scheib.....Maumee  
A.B. (Western Reserve University)  
*Field of Specialization: Psychology*

- Mark Moor Schulz**.....Greenville  
A.B. (Capital University) ; M.A.  
*Field of Specialization: Art*
- Josephine Smith Scott**.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- David John Benjamin Sherriif**.....Leicester, England  
B.A. (University of Leeds, England)  
*Field of Specialization: English*
- Barbara Mei Shih**.....Taipei, Taiwan, China  
B.A. (Taiwan Normal University)  
*Field of Specialization: Linguistics*
- Francis Clifford Shipley**.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Judith Appell Skeen**.....Galva, Ill.  
B.A. (Augustana College)  
*Field of Specialization: Psychology*
- Dianne Lang Smith**.....Dayton  
B.Sc. in Edu.  
*Field of Specialization: Speech*
- David Vincent Sorohan**.....New Lexington  
A.B. (College of Saint Charles Borromeo) ; S.T.B. and S.T.L. (Pontifical Gregorian University)  
*Field of Specialization: Education*
- Joyce Goodman Spanabel**.....Minneapolis, Minn.  
B.S. (Kent State University)  
*Field of Specialization: Speech*
- Beverly Burch Stanley**.....Hilliard  
B.A. (Drake University)  
*Field of Specialization: Education*
- Wayne Edgar Steerman**.....Marion  
B.M. (Heidelberg College)  
*Field of Specialization: Music*
- Jon Paul Stewart**.....Detroit, Mich.  
Ph.B. (University of Detroit)  
*Field of Specialization: Romance Languages (Spanish)*
- David Howard Stone**.....Shreveport, La.  
B.A. (Louisiana State University)  
*Field of Specialization: Journalism*



- Roger Milton Swagler.....Kent  
B.A. (College of William and Mary)  
*Field of Specialization: Economics*
- Helen Deacon Swank.....New Madison  
B.Sc. in Edu.  
*Field of Specialization: Music*
- Virginia Douglas Sweazy.....Westerville  
B.S. (University of Pittsburgh)  
*Field of Specialization: Education*
- James John Thesing.....Xenia  
A.B. (University of Dayton)  
*Field of Specialization: Speech*
- Carolyn Galbraith Thompson.....Columbus  
B.A.  
*Field of Specialization: Linguistics*
- Louis Anthony Treboni.....Columbus  
B.F.A.  
*Field of Specialization: Education*
- Hubert Thomas Tyler.....Bedford  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Laverne Esther Wachuta.....Garfield Heights  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Diane Lee Warner.....Columbus  
B.Sc. in Edu.  
*Field of Specialization: Education*
- Eugene Blaine Wenger.....New Philadelphia  
A.B. (Heidelberg College) ; B.Sc. in Edu.  
*Field of Specialization: Education*
- Sandra Rose Wexler.....Toledo  
B.S.Ed. (University of Michigan)  
*Field of Specialization: Education*
- Larry Wayne Williams.....East Rockingham, N. C.  
B.A. (Wake Forest College)  
*Field of Specialization: Political Science*
- Karl Louis Winegardner.....Galion  
B.S. in Edu. (Ohio Northern University)  
*Field of Specialization: Education*

- Jon Victor Wulff.....Spokane, Wash.  
 B.A., B.A. (Washington State University)  
*Field of Specialization: Philosophy*
- Linda Kay Young.....McClure, Pa.  
 B.A. (Elizabethtown College)  
*Field of Specialization: Education*
- Francis Lambert Zebot.....Washington, D.C.  
 A.B. (Harvard University)  
*Field of Specialization: Classical Languages (Latin)*
- Kermit Charles Zieg, Jr.....Culver, Ind.  
 B.S. (Indiana University)  
*Field of Specialization: Business Organization*
- Howard Alan Zlotnick.....Columbus  
 B.Sc.  
*Field of Specialization: Psychology*  
 (One hundred and sixty-four candidates)

#### **Master of Business Administration**

- Glenn Richard Baker.....Columbus  
 B.Sc.  
*Field of Specialization: Business Organization*
- Jerry William Bliley.....Union City, Pa.  
 B.Sc. in Bus. Adm.  
*Field of Specialization: Business Organization*
- Donald Oakes Christman.....Dayton  
 B.B.A. (University of Cincinnati)  
*Field of Specialization: Business Organization*
- C. Jeffrey Connell.....Worthington  
 B.A. (University of Dallas)  
*Field of Specialization: Business Organization*
- David Rafael Cruz.....Tyndall AFB, Fla.  
 A.B. (San Francisco State College)  
*Field of Specialization: Business Organization*
- Jack Alan Evans.....North Canton  
 B.B.A. (Western Reserve University)  
*Field of Specialization: Business Organization*
- Meyer Garber.....Atlanta, Ga.  
 B.S. (Duke University)  
*Field of Specialization: Business Organization*
- David Lee Gelbaugh.....Springfield  
 B.A.  
*Field of Specialization: Business Organization*

- Dennis Lee German.....Ottawa  
 B.Sc. in Bus. Adm.  
*Field of Specialization: Business Organization*
- David Leroy Graham.....West Jefferson  
 B.A.  
*Field of Specialization: Business Organization*
- Daniel Ralph Grenier.....Blair, Nebr.  
 A.B. (Colorado State College)  
*Field of Specialization: Business Organization*
- Franklin James Hitt.....Berea  
 B.Sc. in Bus. Adm.  
*Field of Specialization: Business Organization*
- Robert Michael Hoge.....Columbus  
 B.Sc. in Phys.  
*Field of Specialization: Business Organization*
- David Arthur Howe.....Columbus  
 B.Sc. in Bus. Adm.  
*Field of Specialization: Business Organization*
- J. David Hunger.....Barberton  
 B.A. (Bowling Green State University)  
*Field of Specialization: Business Organization*
- Thomas Jefferson Hurley.....Dayton  
 A.B. in Gov't. (George Washington University)  
*Field of Specialization: Business Organization*
- George John Isoma.....Conneaut  
 B.S.M.E. (Case Institute of Technology)  
*Field of Specialization: Business Organization*
- Andrew Janis.....Adena  
 B.S.E.E., B.S.R.E. (Indiana Technical College)  
*Field of Specialization: Business Organization*
- Robert William Jones.....Omaha, Nebr.  
 B.S. in Bus. Adm. (University of Omaha)  
*Field of Specialization: Business Organization*
- George Bertram Kauffman.....Columbus  
 B.A. in B.A. (University of Washington)  
*Field of Specialization: Business Organization*
- Jackson Alexander Kirk, Jr.....Warren, Pa.  
 B.Sc. in Bus. Adm.  
*Field of Specialization: Business Organization*
- Robert Edward Levey.....Toledo  
 B.S. (University of Pennsylvania)  
*Field of Specialization: Business Organization*

- Allen Valjean Mahan.....Union, S. C.  
 B.S. in Com. (The Citadel)  
*Field of Specialization:* Business Organization
- James Leon Marshall.....Coshocton  
 B.S. in M.E. (Case Institute of Technology)  
*Field of Specialization:* Business Organization
- John Patrick O'Neill.....Cleveland  
 B.S. Econ. (John Carroll University)  
*Field of Specialization:* Business Organization
- James Opatrny, Jr.....Maple Heights  
 B.E.E. (Fenn College)  
*Field of Specialization:* Business Organization
- Ronald A. Prieto.....Astoria, N. Y.  
 B.G.E. (University of Omaha)  
*Field of Specialization:* Business Organization
- James Norbert Rimbey.....Cleveland Heights  
 B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Business Organization
- Ray Everett Roberts, Jr.....Columbus  
 B.S. (Georgetown College)  
*Field of Specialization:* Business Organization
- Allan Dale Schuster.....St. Louis, Mo.  
 B.Sc. in Bus. Adm.  
*Field of Specialization:* Business Organization
- John Carroll Sirmans.....Ft. Myers, Fla.  
 B.A. (University of Florida)  
*Field of Specialization:* Business Organization
- Charles Ronnie Smith.....Dayton  
 B.S. (Eastern Kentucky State College)  
*Field of Specialization:* Business Organization
- Robert Davis Stewart.....Union, N. J.  
 B.A.E. (Rensselaer Polytechnic Institute)  
*Field of Specialization:* Business Organization
- Carl John Uhrmann, Jr.....Bellaire  
 B.Sc. in Bus. Adm.  
*Field of Specialization:* Business Organization
- Francis William Wentz.....Houston, Minn.  
 B.S.B. (University of Minnesota)  
*Field of Specialization:* Business Organization
- Frederick Norman Zapf.....Milton, Mass.  
 B.I.E.  
*Field of Specialization:* Business Organization

(Thirty-six candidates)

## Master of City Planning

- John Frederick Betak.....Annandale, Va.  
B.S. (Arizona State University)  
*Field of Specialization: Architecture (City Planning)*
- Herbert Raymond Carpenter, Jr.....Grove City  
B.Arch.  
*Field of Specialization: Architecture (City Planning)*
- Eugene Edmund Carr.....Salt Lake City, Utah  
B.A., B.F.A. (University of Utah)  
*Field of Specialization: Architecture (City Planning)*
- James Ralph Robert.....Columbus  
B.C.E. (University of Minnesota)  
*Field of Specialization: Architecture (City Planning)*
- Stuart Robinson Shaffer.....Louisville, Ky.  
A.B. (Morehead State College)  
*Field of Specialization: Architecture (City Planning)*
- Joseph Saul Solomon.....Philadelphia, Pa.  
A.B. (Temple University)  
*Field of Specialization: Architecture (City Planning)*
- Robert David Spaulding.....Cuyahoga Falls  
B.A. (Muskingum College)  
*Field of Specialization: Architecture (City Planning)*
- James Arnold Spencer.....Jackson, Tenn.  
B.S. (Union University)  
*Field of Specialization: Architecture (City Planning)*
- Cyrus Addison Yoakam.....Toledo  
B.B.A. (University of Toledo) ; M.A.  
*Field of Specialization: Architecture (City Planning)*

(Nine candidates)

## Master of Education

- Frances May Womack.....Westerville  
B.A. (University of Denver)  
*Field of Specialization: Education*
- Eleanor Ann Zimmerman.....Huntington, W. Va.  
B.A., M.A. (Marshall University)  
*Field of Specialization: Education*

(Two candidates)

## Master of Fine Arts

- Chiaki Charles Endo.....Gardena, Calif.  
B.A.  
*Field of Specialization: Fine Arts (Painting)*

(One candidate)

### Master of Medical Science

Charin Assanasen.....Bangkoknoi, Thailand  
M.D. (University of Medical Sciences, Bangkok); M.P.H. and T.M.  
(Tulane University)  
*Field of Specialization: Medicine*

John Walter Chisholm.....Albuquerque, N. Mex.  
B.S. (University of New Mexico); M.D. (University of Colorado)  
*Field of Specialization: Obstetrics and Gynecology*

Douglas Owen Clark.....Toledo  
B.A., M.D.  
*Field of Specialization: Obstetrics and Gynecology*

George Robert Fitz II.....Canton  
B.Sc., M.D., M.Sc.  
*Field of Specialization: Obstetrics and Gynecology*

John Lewis Melvin.....Delaware  
B.Sc., M.D.  
*Field of Specialization: Medicine*

(Five candidates)

### Master of Music

John Robert Samsel.....Toledo  
B.Mus.  
*Field of Specialization: Music*

(One candidate)

### Master of Science

Herbert Abrams.....Philadelphia, Pa.  
A.B., D.D.S. (Temple University)  
*Field of Specialization: Dentistry*

Ann Marie Ackermann.....Glen Ellyn, Ill.  
B.S. (Capital University)  
*Field of Specialization: Microbiology*

Barbara Estel Anderson.....Columbus  
B.Sc.  
*Field of Specialization: Zoology*

John Janis Apinis.....Madison, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization: Electrical Engineering*

John Robert Aylsworth.....Shreve  
B.Sc. in Agr.  
*Field of Specialization: Agricultural Education*

William Francis Bailey.....Independence  
B.S. (United States Military Academy)  
*Field of Specialization: Physics*

- Giora Alexander Bendor.....New Rochelle, N. Y.  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- William Carter Bird.....Benton, Wis.  
B.S. (University of Dubuque); D.D.S. (Marquette University)  
*Field of Specialization: Dentistry*
- John Earl Bittner.....Cleveland  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- James Curtis Blair.....Orrville  
A.B. (Asbury College)  
*Field of Specialization: Mathematics*
- Dean Raymond Brown.....Schenectady, N. Y.  
B.S.E.E. (Rose Polytechnic Institute); M.S. (Rensselaer Polytechnic Institute)  
*Field of Specialization: Mathematics*
- William Alvin Bruce.....Poughkeepsie, N. Y.  
B.S. (Saint Lawrence University)  
*Field of Specialization: Zoology and Entomology*
- Benjamin Andrew Burrell.....New Britain, Conn.  
B.S. (College of the Holy Cross)  
*Field of Specialization: Mathematics*
- William Cleaver Burson, Jr.....East Liverpool  
A.S.E. (University of Cincinnati)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Thomas Gilbert Byrne.....Cincinnati  
A.B. (Miami University); M.D. (University of Cincinnati)  
*Field of Specialization: Preventive Medicine*
- Walter Knowlton Caldwell.....Columbus  
B.S.Aero.E. (Purdue University)  
*Field of Specialization: Industrial Engineering*
- Ann Cali.....Fort Pierce, Fla.  
B.S. (University of Florida)  
*Field of Specialization: Zoology and Entomology*
- John Gerald Campagna.....Wanaque, N. J.  
B.E.E. (Rensselaer Polytechnic Institute)  
*Field of Specialization: Electrical Engineering*
- Judith Willene Cannon.....Dayton  
B.S. (Morehead State College, Kentucky)  
*Field of Specialization: Home Economics*

- Vernon Lee Carter, Jr.....Wadley, Ala.  
D. of Vet. Med. (Alabama Polytechnic Institute)  
*Field of Specialization: Pharmacology*
- Harold Francis Chambers, Jr.....Kettering  
A.S.E. (University of Cincinnati)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- William Wei-Lien Chang.....Hsin-Chu, Formosa, China  
B.M. (National Taiwan University)  
*Field of Specialization: Pathology*
- Homer Ho Hua Cheng.....Hong Kong, China  
M.D. (Kwong Wah Medical College)  
*Field of Specialization: Pathology*
- Watson Lambert Chin.....Trelawny, Jamaica, West Indies  
B.A. (Andrews University, Michigan)  
*Field of Specialization: Mathematics*
- Jerry Lee Christensen.....Worthington  
B.Sc. in Opt.  
*Field of Specialization: Optometry (Physiological Optics)*
- Carol Provci Cico.....Rockford  
B.Sc.  
*Field of Specialization: Mathematics*
- Richard Herbert Clinton.....Orange, Calif.  
B.A. (Orange County State College)  
*Field of Specialization: Microbiology*
- Stanley Robert Clowers.....Manhattan, Kans.  
B.S. (Kansas State University)  
*Field of Specialization: Geology*
- Harvey Elliot Cohen.....Erie, Pa.  
B.S. (Case Institute of Technology)  
*Field of Specialization: Mathematics*
- Richard Thomas Cohen.....Columbus  
B.S. in Arch. (University of Cincinnati)  
*Field of Specialization: Civil Engineering*
- Roger Ronald Craig.....Dayton  
B.Aero.E. (Rensselaer Polytechnic Institute)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Kenneth Edward Crawford.....Latrobe, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Electrical Engineering*



- Frederick Audun Creswick.....Columbus  
B.S. in Mech.Engr. (Wayne State University)  
*Field of Specialization: Mechanical Engineering*
- Roger Bruce Culver.....Riverside, Calif.  
A.B. (University of California, Riverside)  
*Field of Specialization: Astronomy*
- Frank Louis Damm.....Cleveland  
B.S. (University of Dayton)  
*Field of Specialization: Astronomy*
- Joseph Lynn Davidson.....Danville  
A.B. (Miami University)  
*Field of Specialization: Entomology*
- Richard Lee Day.....New Philadelphia  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Geodetic Science*
- Robert Warren Downing.....Winston-Salem, N. C.  
B.S. in E.E. (University of North Carolina)  
*Field of Specialization: Electrical Engineering*
- Charles Robert Dudgeon.....Mt. Vernon  
B.A. (Kenyon College)  
*Field of Specialization: Mathematics*
- Francis William Duncan, Jr.....Columbus  
B.S.E. (University of Michigan)  
*Field of Specialization: Physics*
- Donald Ray Edmonds.....Roselle, N. J.  
A.B., B.S. (Rutgers University)  
*Field of Specialization: Industrial Engineering*
- \*James Rood Eisenmann.....Garrettsville  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Elinor Elizabeth Emery.....Prospect  
A.B. (Ohio Northern University)  
*Field of Specialization: Zoology*
- Thomas William Evans, Jr.....Cuyahoga Falls  
D.D.S.  
*Field of Specialization: Anatomy*
- Daniel Allen Falk.....New York, N. Y.  
B.A. (New York University)  
*Field of Specialization: Mathematics*

- G. Diane Bowersock Farley.....Columbus  
 B.S. (College of Mount Saint Joseph on the Ohio)  
*Field of Specialization: Home Economics*
- William Lawrence Foley.....Dayton  
 B.E.E. (Syracuse University)  
*Field of Specialization: Electrical Engineering*
- Kenneth Edward Fowle.....Sepulveda, Calif.  
 B.S. (California State Polytechnic College)  
*Field of Specialization: Animal Science*
- Roy Kimble Frick.....Dayton  
 B.S. (Clemson Agricultural College)  
*Field of Specialization: Industrial Engineering*
- William George Frost.....Columbus  
 B.S. (University of Wyoming)  
*Field of Specialization: Engineering Mechanics*
- Robert Lee Goettemoeller.....Saint Henry  
 B.Sc. in Agr.  
*Field of Specialization: Agronomy*
- David Lee Grooms.....Galion  
 B.Sc. in Agr.  
*Field of Specialization: Agricultural Education*
- Eberhard Paul Carl Haddad.....Scottsdale, Pa.  
 B.S. (Fairleigh Dickinson University)  
*Field of Specialization: Electrical Engineering*
- William Livingston Hale.....Columbus  
 B.E.E.  
*Field of Specialization: Electrical Engineering*
- Harold Timothy Haller.....Mendon  
 B.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Thomas Albert Hern.....Cincinnati  
 A.B. (University of Cincinnati)  
*Field of Specialization: Mathematics*
- Aden Dale Hiatt, Jr.....Palmer Lake, Colo.  
 B.S. (University of Colorado)  
*Field of Specialization: Electrical Engineering*
- Rudolph Danner Hoffman.....Utica, N. Y.  
 B.S. in Chem.Engr. (Massachusetts Institute of Technology)  
*Field of Specialization: Chemical Engineering*
- Carl Clifford Hughes.....Columbus  
 B. of M.E. (Georgia Institute of Technology)  
*Field of Specialization: Mathematics*

- Frank James Humenik.....Parma  
B.C.E.  
*Field of Specialization: Civil Engineering*
- Ronald Edward Hunt.....Wood River, Ill.  
B.A. (Southern Illinois University)  
*Field of Specialization: Mathematics*
- Gene Allan Isler.....Prospect  
B.Sc. in Agr.  
*Field of Specialization: Animal Science*
- Karen Sue Israel.....Damascus  
B.S. (Mount Union College)  
*Field of Specialization: Pathology*
- Mohan Lal Jain.....Jobner, India  
B.A. (Punjab University); B. Tech. (Indian Institute of Technology)  
*Field of Specialization: Agricultural Engineering*
- John William James III.....Gahanna  
B.E.E. (University of Louisville, Kentucky)  
*Field of Specialization: Electrical Engineering*
- Howell Conrad Jaynes.....Dayton  
B.S. (Carnegie Institute of Technology)  
*Field of Specialization: Electrical Engineering*
- James Earl Jones.....Hampton, Va.  
B.S. (Virginia Polytechnic Institute)  
*Field of Specialization: Electrical Engineering*
- Yoshiko Kanemura.....Naha, Okinawa  
B.Sc. (University of the Ryukyus)  
*Field of Specialization: Chemistry*
- Robert John Karren.....Falls Church, Va.  
B.S. (Stanford University)  
*Field of Specialization: Geodetic Science*
- Robert Lewis Kaufman.....Brooklyn, N. Y.  
A.B. (Brooklyn College)  
*Field of Specialization: Mathematics*
- Patricia Reiser Kaye.....Akron  
B.Sc. in Nurs.  
*Field of Specialization: Nursing*
- Richard Stillman Keister.....Akron  
A.B. (Miami University)  
*Field of Specialization: Industrial Engineering*
- Wendell Clarence Kitchin.....Mayfield, Mich.  
B.Sc. in Agr., D.D.S.  
*Field of Specialization: Dentistry*

- Marc William Konvisser**.....Shaker Heights  
 A.B. (Rutgers University)  
*Field of Specialization: Mathematics*
- Raymond Anthony Kopczyk**.....Skokie, Ill.  
 D.D.S. (Northwestern University)  
*Field of Specialization: Dentistry*
- Charles Huston Krueger, Jr.**.....Dayton  
 E.E. (University of Cincinnati)  
*Field of Specialization: Electrical Engineering*
- Hu Kuan**.....Hualien, China  
 B.S. (National Taiwan University)  
*Field of Specialization: Civil Engineering*
- Laurence Edward Kunes**.....Geneva  
 B.Sc.  
*Field of Specialization: Mathematics*
- Amrit Lal**.....Bikaner, India  
 B.V.Sc. and A.H. (University of Rajasthan)  
*Field of Specialization: Animal Science*
- Lloyd Robert Lawrence, Jr.**.....Hamilton, N. Y.  
 B.S. (Colgate University)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Glenn Harris Lehrer**.....Oxnard, Calif.  
 B.S. (United States Military Academy)  
*Field of Specialization: Civil Engineering*
- James Edward Leonard**.....Van Wert  
 B.Sc. in Agr.  
*Field of Specialization: Botany and Plant Pathology*
- James Herbert Levi**.....Dayton  
 B.A. (Northwestern University)  
*Field of Specialization: Anatomy*
- Randolph Scott Little**.....Ithaca, N. Y.  
 B.E.E. (Cornell University)  
*Field of Specialization: Electrical Engineering*
- Douglas MacArthur Logan**.....Hammondsville  
 A.B. (Asbury College)  
*Field of Specialization: Microbiology*
- Ronald Russell Loose**.....Columbus  
 B.A. (Wesleyan University, Connecticut)  
*Field of Specialization: Geodetic Science*
- Eugene Joseph Lowe**.....Uniondale, N. Y.  
 B.S. (State University Teachers College, Oneonta, New York)  
*Field of Specialization: Mathematics*

- David Shaw Lush.....St. Paris  
A.B. (Ohio University)  
*Field of Specialization: Mathematics*
- John Ryan Lyons.....Spotswood, N. J.  
B.S. (Rutgers University)  
*Field of Specialization: Electrical Engineering*
- \*Paul Frederick Lyons II.....Canton  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- David George Mader.....Indianapolis, Ind.  
B.S. (Marion College)  
*Field of Specialization: Mathematics*
- Ligaya Gonzales Magbanua.....Damaguete, Philippines  
B.S. (Chem.) (Silliman University)  
*Field of Specialization: Chemistry*
- James Thomas Mann.....Clarksville, Tenn.  
B.A. (Vanderbilt University)  
*Field of Specialization: Mathematics*
- Robert Fletcher Mathis.....Columbus  
B.Sc.  
*Field of Specialization: Mathematics*
- Howard David Meeks.....Columbus  
B.S.Aer.E. (Iowa State University)  
*Field of Specialization: Mathematics*
- Jeffrey Scott Mehring.....Shaker Heights  
B.Sc. in Agr.  
*Field of Specialization: Animal Science*
- Robert Lee Mertens.....Cumberland, Md.  
B.S. (Carnegie Institute of Technology)  
*Field of Specialization: Mathematics*
- Larry Allen Muir.....Cortland  
B.Sc. in Agr.  
*Field of Specialization: Dairy Science*
- Maynard Glenn Muntzing.....Chillicothe  
B.S.Agr. (West Virginia University)  
*Field of Specialization: Agricultural Education*
- Glen Arden Murphy.....Newcomerstown  
B.Sc. in Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*

\* Two Degrees

- Leroy Murray.....Washington, D.C.  
 B.A. in Chem., M.A. in Chem. (Fisk University)  
*Field of Specialization: Mathematics*
- Stanton Hubert Musick.....Akron  
 B.S.M.E. (Akron University)  
*Field of Specialization: Mathematics*
- Tan Van Nguyen.....Saigon, Vietnam  
 B.S. (Bowling Green State University)  
*Field of Specialization: Ceramic Engineering*
- Hadyn Eugene Notestine.....Lewistown  
 B.M.E.  
*Field of Specialization: Mechanical Engineering*
- Roman William Olynyk.....Youngstown  
 B.Sc. in Phys.  
*Field of Specialization: Physics*
- Corrine Ellen Patterson.....Parma  
 B.S. (Wheaton College)  
*Field of Specialization: Home Economics*
- Edward Lawrence Pelton.....Lagrange  
 B.E.E.  
*Field of Specialization: Electrical Engineering*
- Kenneth Edgar Petersen.....Brooklyn, Ia.  
 B.S.Ag.Ed. (Iowa State University)  
*Field of Specialization: Agricultural Education*
- Carl Vincent Phillips.....Charleston, W. Va.  
 B.Sc.  
*Field of Specialization: Physics*
- John Joseph Piccoro, Jr.....Columbus  
 B.Sc. in Phar.  
*Field of Specialization: Pharmacy*
- Barbara Jean Piehl.....Sidney  
 B.S. (Capital University)  
*Field of Specialization: Mathematics*
- David Earl Pixley.....Highland  
 B.S. (Ohio University)  
*Field of Specialization: Microbiology*
- Douglas Harry Pletsch.....Clifford, Ont., Canada  
 B.S.A. (Ontario Agricultural College)  
*Field of Specialization: Agricultural Education*

- Arnold Merrill Plummer.....Columbus  
B.S. (Case Institute of Technology)  
*Field of Specialization: Nuclear Engineering*
- Ruth Anne Prince.....Knightdale, N. C.  
B.A. (University of North Carolina)  
*Field of Specialization: Mathematics*
- John Ratchford.....New Albany  
B.S. (Wittenberg University)  
*Field of Specialization: Electrical Engineering*
- Donald Roger Redman.....Reynoldsburg  
B.Sc. in Agr., D.V.M.  
*Field of Specialization: Veterinary Preventive Medicine*
- Carol McKechnie Reeves.....Toledo  
A.B. (Connecticut College)  
*Field of Specialization: Entomology*
- Robert Lee Riegler.....Columbus  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- Richard Dean Robins.....North Manchester, Ind.  
B.A. (Manchester College)  
*Field of Specialization: Chemistry*
- Edmund Joseph Rolinski.....Richmond Hill, N. Y.  
B.Ch.E. (City College, New York)  
*Field of Specialization: Chemical Engineering*
- Lawrence Jay Rosenblum.....Little Neck, N.Y.  
A.B. (Queens College)  
*Field of Specialization: Mathematics*
- Ronald John Roszkowski.....Clifton, N. J.  
B.S. in E.E. (Newark College of Engineering)  
*Field of Specialization: Electrical Engineering*
- Joe Harvey Ruby.....Cosmopolis, Wash.  
B.S. (Chico State College)  
*Field of Specialization: Electrical Engineering*
- Talia Abdul-Wahab Ruznamaji.....Baghdad, Iraq  
*Field of Specialization: Chemistry*
- Roger McKelvey Ryan.....Pittsburgh, Pa.  
B.S. (United States Military Academy)  
*Field of Specialization: Geodetic Science*
- Lorin George Sanford.....Pleasant City  
B.Sc. in Agr.  
*Field of Specialization: Animal Science*

- Richard Gibbs Scholl.....Columbus  
A.B., D.M.D. (University of Alabama)  
*Field of Specialization: Dentistry*
- Eldon Carl Schriener.....Attica  
B.Sc. in Agr.  
*Field of Specialization: Agricultural Economics (Rural Sociology)*
- Donald Ray Shea.....Hibbs, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Electrical Engineering*
- Edward Charles Shinal.....Broomall, Pa.  
B.S. (Philadelphia College of Pharmacy and Science)  
*Field of Specialization: Pharmacy*
- Kenneth Lewis Shooter.....Lore City  
B.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- James Richard Siefker.....Columbus Grove  
B.Sc. in Agr.  
*Field of Specialization: Animal Science*
- Richard Douglas Slack.....Cardington  
B.S. (Bowling Green State University)  
*Field of Specialization: Zoology*
- James Lee Smith.....Sciotoville  
B.S. (Ohio University)  
*Field of Specialization: Microbiology*
- Kenneth Larry Smith.....Albuquerque, N. Mex.  
B.S. (New Mexico State University)  
*Field of Specialization: Dairy Science*
- Paul Clay Smith.....Indianapolis, Ind.  
D.V.M. (Alabama Polytechnic Institute)  
*Field of Specialization: Microbiology*
- John Sniedze.....New York, N. Y.  
B.S. (City College, New York)  
*Field of Specialization: Mathematics*
- Carl Richard Soltesz.....Whitehall  
B.Sc.  
*Field of Specialization: Physics*
- John Theodore Steinback.....Columbus  
B.S. in Ed. (Ohio University)  
*Field of Specialization: Botany and Plant Pathology*
- Shirlee Ann Stokes.....Geneva  
B.Sc. in Nurs.  
*Field of Specialization: Nursing*



- Karl Joseph Stout.....Shelby  
B.Sc.  
*Field of Specialization: Physics*
- John Charles Tennie.....Johnson Creek, Wis.  
B.S.E.E. (University of Wisconsin)  
*Field of Specialization: Electrical Engineering*
- \*Arthur Howard Thompson.....Columbus  
*Field of Specialization: Physics*
- John Stark Thompson.....East Berlin, Conn.  
B.S. (Muskingum College)  
*Field of Specialization: Physiological Chemistry*
- Charles Francis Tomajczyk, Jr.....Grand Rapids, Mich.  
B.S. (United States Naval Academy)  
*Field of Specialization: Geodetic Science*
- Walter C. Tripp.....Dayton  
B.S. (University of Dayton)  
*Field of Specialization: Physics*
- Wilbert John Uhl, Jr.....Euclid  
A.B. (Miami University)  
*Field of Specialization: Physics*
- Eugenia Sycip Uy.....Manila, Philippines  
B.S. (University of the Philippines)  
*Field of Specialization: Mathematics*
- Lawrence Alan Walchli.....Fairborn  
B.S.M.E. (Case Institute of Technology)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Keith Gerald Walker.....Oklahoma City, Okla.  
B.S. (Bethany Nazarene College, Oklahoma)  
*Field of Specialization: Physics*
- David Martin Weiss.....Forest Hills, N. Y.  
A.B. (Queens College)  
*Field of Specialization: Mathematics*
- John Thomas Wilson.....Falls Church, Va.  
B.S. (Worcester Polytechnic Institute)  
*Field of Specialization: Civil Engineering*
- Charles Richard Wolf.....Xenia  
B.A.; M.D. (Western Reserve University)  
*Field of Specialization: Preventive Medicine*
- Duke Willard Wood.....Meadows of Dan, Va.  
B.S. (Appalachian State Teachers College, North Carolina)  
*Field of Specialization: Botany and Plant Pathology*

\* Two Degrees

**James Hanchung Yang**.....Hsin-Ying, Taiwan, China  
 B.Sc. in Engr. (Taiwan Provincial Chang Kung University)  
*Field of Specialization: Electrical Engineering*

**John Morgan Young**.....Fargo, N. Dak.  
 B.S., D.D.S. (University of Minnesota)  
*Field of Specialization: Dentistry*

(One hundred and fifty-seven candidates)

# **Master of Science in Public Administration**

**Andris Gundars Priede**.....Worthington  
 B.A.  
*Field of Specialization: Political Science*

(One candidate)

# **Master of Social Work**

**Lynn Barckley**.....Easton, Pa.  
 B.A. (Millikin University)  
*Field of Specialization: Social Work*

**Gia Reve Bates**.....Cincinnati  
 B.A. (Georgetown College, Kentucky)  
*Field of Specialization: Social Work*

**Matilda Talbert Bellucci**.....Cincinnati  
 A.B. (Smith College)  
*Field of Specialization: Social Work*

**Sarah Jane Benson**.....Akron  
 B.A.; M.A. (Cornell University)  
*Field of Specialization: Social Work*

**Pamela Knosp Berninger**.....Cincinnati  
 A.B. (University of Cincinnati)  
*Field of Specialization: Social Work*

**Helen Gibson Blackstone**.....Cincinnati  
 A.B. (University of Cincinnati)  
*Field of Specialization: Social Work*

**David Lee Blecke**.....Woodville  
 B.A. (Capital University); B.D. (Evangelical Lutheran Theological Seminary)  
*Field of Specialization: Social Work*

**Howard Bluth**.....Cincinnati  
 A.B. (University of Cincinnati)  
*Field of Specialization: Social Work*

**Ruth Wilson Burgin**.....Dayton  
 A.B. (Berea College)  
*Field of Specialization: Social Work*

- Harold Ray Bussey.....Columbus  
A.B. (Wilmington College)  
*Field of Specialization: Social Work*
- Gary Lee Cattell.....Lima  
B.Sc. in Agr.  
*Field of Specialization: Social Work*
- Harriett Stovall Clark.....Columbus  
B.Sc. in Nurs.  
*Field of Specialization: Social Work*
- Hal Bernard Cohen.....South Euclid  
B.Sc. in Soc. Wel.  
*Field of Specialization: Social Work*
- Marybeth Knock Curtis.....Columbus  
B.A. (Muskingum College)  
*Field of Specialization: Social Work*
- Frank Henry Dearden, Jr.....Dayton  
A.B. (Miami University)  
*Field of Specialization: Social Work*
- William Francis Elder.....Cincinnati  
B.S. (Xavier University)  
*Field of Specialization: Social Work*
- Dean Charles Engbrecht.....Columbus  
A.B. (Wartburg College); B.D. (Evangelical Lutheran Theological Seminary)  
*Field of Specialization: Social Work*
- Marjorie Linda Gallin.....Cleveland  
B.Sc.  
*Field of Specialization: Social Work*
- George F. Gilioli.....Cincinnati  
A.B. (Wilmington College)  
*Field of Specialization: Social Work*
- Barbara Stauffer Gongaware.....Custar  
A.B. (Capital University)  
*Field of Specialization: Social Work*
- Irma Belsky Grebel.....Flushing, N. Y.  
A.B. (Queens College)  
*Field of Specialization: Social Work*
- Dora June Hastman.....Cuyahoga Falls  
B.S. (Kent State University)  
*Field of Specialization: Social Work*
- Ruth McDonald Hayes.....Huntington, W. Va.  
B.A. (Marshall University)  
*Field of Specialization: Social Work*

- James Allen Herbert**.....**Lorain**  
 B.S. (Alabama Agricultural and Mechanical College)  
*Field of Specialization: Social Work*
- Ann Nadine Herr**.....**Galion**  
 B.Sc. in Soc. Wel.  
*Field of Specialization: Social Work*
- Patricia Lydiard Hill**.....**Cincinnati**  
 B.A. (University of Oregon)  
*Field of Specialization: Social Work*
- Kathy Joyce Howenstine**.....**Louisville**  
 B.A. (Otterbein College)  
*Field of Specialization: Social Work*
- Hervey Hoffmann Inskip**.....**Columbus**  
 B.Sc.  
*Field of Specialization: Social Work*
- Evangeline Henderson Joiner**.....**Cleveland**  
 B.Sc. in H.E.; M.A. (Columbia University)  
*Field of Specialization: Social Work*
- Bonnie Patricia Kelley**.....**Springfield**  
 B.Sc. in Soc. Wel.  
*Field of Specialization: Social Work*
- Victor Lee Libbe**.....**Genoa**  
 B.Sc. in Soc. Wel.  
*Field of Specialization: Social Work*
- Sister Mary Patricia Maloney**.....**Columbus**  
 B.S. in S.S. (John Carroll University)  
*Field of Specialization: Social Work*
- Thomas Charles Matthews**.....**Cuyahoga Falls**  
 B.A. (Ohio Wesleyan University)  
*Field of Specialization: Social Work*
- Bernard James McClory**.....**Columbus**  
 A.B. (College of Saint Charles Borromeo); S.T.L. (Catholic University of America)  
*Field of Specialization: Social Work*
- Nancy Beisner Mitchell**.....**Greenville**  
 B.A. (Ohio Wesleyan University)  
*Field of Specialization: Social Work*
- Jai Bong Pak**.....**Seoul, Korea**  
 B.A. (Kent State University); M.A. (Michigan State University)  
*Field of Specialization: Social Work*
- Clarence Payne, Jr.**.....**Cincinnati**  
 B.A. (Union College)  
*Field of Specialization: Social Work*

- Sara Westheimer Ransohoff**.....Cincinnati  
 A.B. (Smith College)  
*Field of Specialization: Social Work*
- Clifford Dale Reedy**.....Somerset, Ky.  
 B.A. (Berea College)  
*Field of Specialization: Social Work*
- Shirley Bowen Rhodes**.....Columbus  
 A.B. (Central State College)  
*Field of Specialization: Social Work*
- June Ellen Rose**.....Diamond  
 B.A. (Youngstown University)  
*Field of Specialization: Social Work*
- Warren Neal Samples, Sr.**.....South Charleston, W. Va.  
 B.A. (Morris Harvey College)  
*Field of Specialization: Social Work*
- Karen Orloff Stein**.....Cincinnati  
 A.B. (Goucher College)  
*Field of Specialization: Social Work*
- Wyatt Alva Stewart III**.....Memphis, Tenn.  
 B.S. (Memphis State University)  
*Field of Specialization: Social Work*
- Anna Malia Stott**.....Columbus  
 B.S. (Marquette University)  
*Field of Specialization: Social Work*
- Katherine Mengert Sullivan**.....Worthington  
 B.Sc. in Soc.Wel.  
*Field of Specialization: Social Work*
- Ann Loscocco Swillinger**.....Columbus  
 B.Sc. in Edu.  
*Field of Specialization: Social Work*
- Grace Elena Vittiglio**.....Port Washington, N. Y.  
 B.A. (Molloy Catholic College for Women)  
*Field of Specialization: Social Work*
- Sandra Lynn Wendt**.....Cuyahoga Falls  
 B.Sc. in Soc.Wel.  
*Field of Specialization: Social Work*
- Gerald Robert Wheeler**.....Columbus  
 B.A. (Long Beach State College)  
*Field of Specialization: Social Work*
- Barbara Knighton Williams**.....St. Albans, W. Va.  
 B.S. in Edu. (West Virginia State College)  
*Field of Specialization: Social Work*

(Fifty-one candidates)

## Candidates for Two Degrees

Neil Eugene Augenstein.....	Fairborn
Bachelor of Science in Agriculture	
Doctor of Veterinary Medicine	
MarSue Benedict.....	Akron
Bachelor of Arts	
Bachelor of Science in Education	
Robert Lynn Benner.....	Mt. Cory
Bachelor of Science in Agriculture	
Doctor of Veterinary Medicine (cum laude)	
David Samuel Brandt.....	Columbus
Bachelor of Arts (cum laude)	
Doctor of Medicine (cum laude)	
Clovis Ivan Butterworth.....	Columbus
Bachelor of Arts	
Bachelor of Science in Education	
Jerry Coleman Doss.....	Columbus
Bachelor of Arts	
Doctor of Medicine	
James Rood Eisenmann.....	Garrettsville
Master of Science	
Bachelor of Aeronautical and Astronautical Engineering (summa cum laude)	
Donald Jay Hessler.....	Columbus
Bachelor of Arts	
Bachelor of Science in Education	
Glen Frederick Hoffsis.....	Bucyrus
Bachelor of Science in Agriculture	
Doctor of Veterinary Medicine (cum laude)	
Isobel Jean Inglis.....	Columbus
Bachelor of Arts	
Bachelor of Science in Education	
Barbara Lynne Joseph.....	Dayton
Bachelor of Arts	
Bachelor of Science in Education	
John Alfred Knudson.....	Lorain
Bachelor of Arts	
Doctor of Medicine	
Paul Frederick Lyons II.....	Canton
Master of Science	
Bachelor of Aeronautical and Astronautical Engineering	
Thomas Anthony Melvin, Jr.....	Columbus
Bachelor of Arts	
Doctor of Dental Surgery	
Kerry Jackson Reed.....	Princeton, W. Va.
Bachelor of Arts	
Bachelor of Science in Education	

Robert Willison Ritchey.....	Dennison
Bachelor of Science in Agriculture	
Doctor of Veterinary Medicine	
Ruediger Siegfried Schroeer.....	Enon
Bachelor of Arts	
Bachelor of Science in Education	
Charles Richard Scott.....	Plain City
Bachelor of Science in Agriculture	
Doctor of Veterinary Medicine	
Florence Elizabeth Snyder.....	Columbus
Bachelor of Arts	
Bachelor of Science in Education	
William Duncan Swartz.....	Ashland
Bachelor of Science in Agriculture	
Doctor of Veterinary Medicine	
Jane Wolkin Tapper.....	Hamilton
Bachelor of Arts	
Bachelor of Science in Education	
Andrea Marie Theibert.....	Columbus
Bachelor of Arts	
Bachelor of Science in Education	
Arthur Howard Thompson.....	Columbus
Master of Science	
Bachelor of Science in Physics	
Jerrie Lynn Thornell.....	Portage, Mich.
Bachelor of Arts	
Bachelor of Science in Education	
Todd Carter Warmington.....	Akron
Bachelor of Arts	
Bachelor of Fine Arts	
Judith Elizabeth Warshaw.....	Kingston, N. Y.
Bachelor of Arts	
Bachelor of Science in Education	
Marilyn Elizabeth White.....	Poland
Bachelor of Arts (cum laude)	
Bachelor of Science in Education (cum laude)	

(Twenty-seven candidates)

## Candidates for A Degree and A Certificate

Rita Lynn Asmus.....	Columbus
Bachelor of Arts	
Certificate of Graduate Dental Hygienist	
Donna Marie Beck.....	Chillicothe
Bachelor of Arts	
Certificate of Graduate Dental Hygienist	

**Helga Ingrid Berthold**.....Cleveland  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Valerie Janz Forster**.....Columbus  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Barbara Sue Gumm**.....Kettering  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Pamela Jeanne Hauck**.....Worthington  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Pamela Jane Henry**.....Kettering  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Renee Jameson**.....Columbus  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Patricia Ann Kobilarcik**.....Wooster  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Mary Caroline Lowery**.....Columbus  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Michelle Anne Martin**.....Cleveland  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Judy Carol Oxman**.....Mansfield  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Wilma Virginia Smallsreed**.....Newton Falls  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Maxene Jane Sneeringer**.....Mansfield  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Frenna Christian Sockman**.....New Cumberland, Pa.  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

**Sally Diane Turner**.....Columbus  
 Bachelor of Arts  
 Certificate of Graduate Dental Hygienist

(Sixteen candidates)



# College of Agriculture and Home Economics

Dean: Roy M. Kottman

## Bachelor of Science in Agricultural Biochemistry

William Leon Richards.....Jackson

(One candidate)

## Bachelor of Science in Agriculture

Thomas Charles Ackerman.....Columbus  
Carole Ruth Anthony.....Columbus  
\* Neil Eugene Augenstein.....Fairborn  
Richard Edwin Augspurger.....Leonardsburg  
Edward Allen Bacome.....Harrod  
Kenneth Earl Badertscher.....Ada  
Paul David Badger.....West Salem  
Charles Anthony Barans.....Columbus  
Larry Brent Barnett.....Columbus  
James Marc Barnhart.....Springfield  
John William Bastian.....Tiffin  
Lawrence Wilbern Bauer.....Lucasville  
Marcus James Beher.....Columbus  
\* Robert Lynn Benner.....Mt. Cory  
Fredrick Eugene Bergman.....New Carlisle  
James Otto Blauser.....Carroll  
Arthur Martin Bonar.....Vandalia  
Gerald Melvin Bowers.....Canal Winchester  
Walter Ronald Butler.....Vienna  
John Stanley Cline.....Navarre  
Donald Edward Cobaugh.....New Carlisle  
Evert Wayne Denney.....Powell  
James Lyle Derickson.....Columbus  
Paul Florent D'huyvetter.....Sunbury  
William Henry Diley, Jr.....Canal Winchester  
Michael Edward Dillon, Sr.....Westerville  
Michael Albert Dirr.....Cincinnati  
Richard Clyde Doyle.....Salem  
George Ellis Durban.....Galloway  
Donald Lawrence Eby.....Lodi  
Robert William Ellinger.....Logan  
Richard Allen Elliott.....Galloway  
Michael Gilbert Fairley.....Leesburg  
JoAnne Thomson Frank.....Port Washington, N. Y.  
Arthur Maris Franke.....St. Paris  
Paul Eugene Freeman.....Galena  
Richard Lawrence Freitag.....Cleveland  
David Kenneth Gerber.....Smithville  
Raymond Lowell Glaze.....Croton  
Roger Lyle Goodman.....Upper Sandusky  
Joseph George Halusky.....Youngstown, Pa.  
Robert Michael Harasick.....Steubenville  
Monroe Eugene Harbage.....Plain City  
Donald Gene Heldman.....Findlay

\* Two degrees

Frederick Wells Hendricks.....	Bowling Green
Thomas Michael Henson.....	Mansfield
Harold Michael Hill.....	St. Paris
Ray William Hite.....	Port William
Paul Kenneth Hofer.....	Homeworth
* Glen Frederick Hoffsis.....	Bucyrus
Carl Frederick Horn.....	Delaware
William Dee Imes.....	Delta
Richard Earl Jones.....	Loudonville
James Anthony Joy.....	Toledo
John Michael Kimble.....	Vestal, N. Y.
Kenneth Edward Kohls.....	Hamilton
Judith Ann Kuehnle.....	Bucyrus
Theodore Joseph Kuntz.....	Covington
Harold Waller Lecy.....	Cleveland
Timothy King Liffiton.....	Lakewood
Jay Richard Logan.....	Farmdale
John Mark Longenecker.....	Arcanum
Larry Herman Lutz.....	Louisville
Edward Mathew Maleski.....	Tippecanoe
Robert Neil Marrison.....	Jefferson
Larry Joe Martin.....	Hebron
Harry Edward Mason.....	Cambridge
Ernest Dean Massie.....	Wooster
James Leslie Maxwell.....	Cardington
Lynn Douglas McCann.....	Centerburg
Jackie Dean McCoy.....	Fleming
Gary Wayne Michael.....	Sidney
Raymond Allen Miller.....	Ostrander
Robert Lee Mistak.....	Lockwood
Augustine Uzo Mokwunye (with Distinction in Agronomy) ..	Asaba, Nigeria
Dan Emery Moore (summa cum laude and with Distinction in Rural Sociology) ..	London
Eric Lee Morehead.....	Greenfield
James Henry Morgret.....	Chardon
David Ernest Murphy.....	Groveport
Keven Charles Neff.....	Valley City
Gary Lee Newhouse.....	Ostrander
Donald Adolph Nickels.....	Milan
Gudmundur Paul Olafsson.....	Reykjavik, Iceland
Curtis Lane Osswald.....	Lewisburg
Kenneth Jerome Oster.....	Avon Lake
Larry Dale Payn.....	Lodi
Joyce Ann Payne (cum laude).....	Coshocton
Richard Wayne Pees.....	Dunkirk
Stanley Virgil Prenger.....	Minster
Leroy William Reed.....	Dexter City
Daniel David Reese.....	Oak Hill
Urban Florian Reinhart.....	Alvada
Wayne Allen Rickenbacher.....	Forest
Donald Oscar Rieman.....	Leipsic
* Robert Willison Ritchey.....	Dennison
Leo Simon Roth.....	Portsmouth
Paul Martin Sater.....	Rockbridge

\* Two degrees

Lawrence Herbert Schmidt (cum laude and with Distinction in Horticulture) .....	Swanton
Leonard Eugene Schumann.....	Wapakoneta
*Charles Richard Scott.....	Plain City
Joseph Amos Seeley.....	Mt. Sterling
Warren Roger Seitz.....	Cleveland Heights
James Edgar Sheaffer.....	Harpster
John Kenneth Shuman.....	Springfield
Lewis LeRoy Simpson.....	London
David John Sitzenstock.....	Maumee
William Lloyd Smith.....	Lima
Thomas Charles Sommer.....	Minster
John Lewis Steva.....	St. Marys
Thomas Rymell Streiff III.....	Dayton
Virgil Eugene Studebaker.....	New Carlisle
*William Duncan Swartz.....	Ashland
Duane Carl Thomas.....	Wilmington
Mary Martha Toothman.....	Ironton
William Paul Tracy.....	Canfield
Robert Dennis Ulrey.....	Centerburg
William Gerald Vance.....	Orient
Jesse Elmer Van Fossen.....	Centerburg
Roger Allen Wadsworth (cum laude and with Distinction in Animal Science) .....	Glendale, Ariz.
Dennis Lee Waldman.....	Wapakoneta
Waldo Ellis Walker.....	Plain City
Tommy Lynn Zimmerman.....	Spencerville

(One hundred and twenty-two candidates)

#### Bachelor of Science in Dairy Technology

Roger Benjamin Saurer.....	Rittman
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(One candidate)

#### Bachelor of Science in Food Technology

William Morton Hildebolt.....	Eaton
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(One candidate)

### *School of Home Economics*

#### Bachelor of Science in Home Economics

Patricia Maureen Bailey.....	Xenia
Karen Ann Beaver.....	Cambridge
Virginia Sue Beavers.....	Orient
Carol Craig Bixler.....	Wapakoneta
Anne Cunningham Brown.....	Piketon
Dawn Marie Buckosh.....	Vermilion
Barbara Ellen Burk.....	University Heights
Margaret Kropf Burkey.....	Canton
Diane Cheryl Clark (cum laude).....	Southington
Charyl Noakes Coffey.....	Columbus
Sarah Alice Collins.....	Kent

\* Two degrees

Cheryl Ann Czika.....	Cleveland
Maureen Molloy Darling.....	Worthington
Janice Allene Dillion.....	Plain City
Carolyn Hoffer DiRuscio.....	North Canton
Pamela Heitger Doerr.....	Columbus
Mary Jo Dorsey.....	Newcomerstown
Judith Anne Eisenman.....	Columbus
Henrietta Lois Felter.....	Goshen
Cheryl Fitzsimmons Fenstermaker.....	Columbus
Catharine Jane Flint.....	Cincinnati
Kathleen Ford.....	Lima
Kathie Kronberg Gibson.....	Columbus
Mary Melinda Hildreth.....	Bellville
Karen Alexis Hill.....	Westfield, N. J.
Peggy Jeanne Hodge.....	Wooster
Diane Kather.....	Murray Hill, N. J.
Ruth Myers Lantz.....	Shelby
Ruth Smith Laubinger.....	Woodsfield
Joanne Craft Lawrence.....	Columbus
Elizabeth Lytle Lyons.....	Akron
Sharon Gilbert Maxwell.....	Fredericktown
Sarah Jane McConnell.....	Worthington
Karen Sue McInturf.....	Athens
Sarah Nadine McKinley.....	Lakeview
Marilyn Jean McLure.....	New Castle, Pa.
Gwen Ann McPeck.....	Worthington
Gretchen Mossman Meske.....	Gallipolis
Bonnie Lou Michel.....	Lakewood
Nancy Ellen Middleton.....	Jackson
Mary Norris Miller.....	Plain City
Carolyn Maria Mills (cum laude).....	Doylestown
Bonnie Kay Mirsch.....	Cleveland
Mary Lynn Moody.....	Cuyahoga Falls
Barbara Ann Parsons.....	Cuyahoga Falls
Lucinda Claire Peck.....	Niagara Falls, N. Y.
Janice Claire Piccin.....	Dillonvale
Gail Corrine Poth.....	Perrysville
Judith Ann Reed.....	Lincoln, Nebr.
Sandra Lynne Rudolph.....	Geneva
Sally Lynn Shiland.....	Columbus
Caroline Joyce Shondel.....	Clinton
Ruth Ann Sours.....	Bucyrus
Charlotte Darlene Stall.....	Vandalia
Joy Ann Sultzbach.....	Springfield
Karen Irene Tibbles.....	Sabina
Marlene Ann Wasko.....	Adena
Judith Ann Williams.....	Columbus
Sue Louise Wilson (cum laude).....	West Liberty
Ann Kathleen Young.....	Columbus

(Sixty candidates)

# College of Arts and Sciences

Dean: J. Osborn Fuller

## Bachelor of Arts

Gary Colburn Acker.....	Rocky River
Margaret Kees Acker.....	Akron
David Paul Albrecht.....	Columbus
Dwight Lowell Allen (with Distinction in History).....	Columbus
William Earl Allen.....	Mansfield
Terry Wayne Allison.....	Canton
Linda Joy Amber.....	University Heights
Arthur Arould Ames.....	Dayton
Richard Joseph Anderson.....	Medina
Theodore James Angus (cum laude).....	Findlay
Robert Charles Apple.....	Dayton
Robert Charles Archer.....	Columbus
Samuel Edward Arthur.....	Binghamton, N. Y.
† Rita Lynn Asmus.....	Columbus
Nelson Milfred Atwell.....	Kirkersville
Sharon Anne Austin.....	Columbus
Cheryl Ann Bailey.....	Massillon
Mary Katherine Baker.....	Murrysville, Pa.
Bruce Curtis Barry.....	Cincinnati
Jacqueline Sue Bates.....	Cleveland
William Dixon Bazler.....	Columbus
Susan Angela Beauvais.....	Grosse Pointe, Mich.
† Donna Marie Beck.....	Chillicothe
Philip Barry Becker.....	Dayton
Courtney Ann Behm.....	Corning, N. Y.
Mary Kate Rourke Belichick.....	Stratford, Conn.
* MarSue Benedict.....	Akron
Robert David Bergman.....	University Heights
Lawrence Alan Berlin.....	Columbus
† Helga Ingrid Berthold.....	Cleveland
Ronald Eugene Betz.....	New London
Ronald J. Bieber.....	Shaker Heights
Beverly Anne Bingle.....	Fremont
Robin Ann Bishop.....	Columbus
Dianne Maureen Dahlberg Blinn.....	Beloit, Wis.
Allen Irwin Bloomberg.....	Youngstown
John Jennings Boggs.....	Wooster
Peter Anderson Bond.....	Don Mills, Ont., Canada
John Rutherford Booth.....	Dayton
Raymond Frank Bourhis.....	North Bergen, N. J.
Carl Thomas Bowen.....	Akron
George Richard Braen.....	Mansfield
* David Samuel Brandt (cum laude).....	Columbus
James Michael Brewer.....	Columbus
Sylvia Sue Brooks.....	Fairborn
Imogene May Brown (cum laude).....	Westerville
Thomas Joseph Brown.....	Fairfield
Kathy Brun.....	Columbus

\* Two degrees

† Degree and certificate

Marvin Douglas Bullock.....	Cleveland
Donna Leigh Burdge.....	Englewood
Frank Ansel Burgess.....	Dayton
Albert Michael Burkey.....	Columbus
Alan Neil Butterbaugh.....	Amanda
*Clovis Ivan Butterworth.....	Columbus
Frederic Lewis Carpenter.....	Waynesville
David Howard Channell.....	Cincinnati
Judith Lynne Clark.....	Kettering
Robert Douglas Clark.....	Columbus
Charles Amstard Clarke.....	Monrovia, Liberia
Albert Leroy Cluff.....	Marion
Toby Irene Cohen (cum laude).....	Columbus
John Kenneth Colgrove.....	Painesville
Gregory Bruce Collins (cum laude).....	Akron
Mary Susan Conn.....	Bound Brook, N. J.
Robert Cooper.....	Cleveland
Charles Preston Crabill, Jr.....	Springfield
Roger Weldon Cramer (cum laude and with Distinction in Philosophy).....	Mansfield
Stanley Joseph Crognale, Jr.....	Columbus
Michael Brian Cull.....	Columbus
Frederick Paul Cunningham.....	Columbus
Anita Beth Cutler.....	Pittsfield, Mass.
Richard Gary D'Angelo.....	Columbus
Richard Marlin Davis.....	Galloway
Walter Spurgeon Davis.....	Tuskegee, Ala.
Michael Edward Deegan.....	Amsterdam, N. Y.
Judy Karen Denney.....	Dayton
Jean Florence Donahower.....	Shaker Heights
Jane Elizabeth Donley.....	Cleveland
*Jerry Coleman Doss.....	Columbus
Jennifer Ault Drake.....	Memphis, Tenn.
Alice Jane Dudley.....	West Long Branch, N. J.
Marianne Eaton (cum laude and with Distinction in History).....	Columbus
Frances Edse.....	Worthington
Joel Andrew Elin.....	Brooklyn, N. Y.
Richard Gordon Ellis.....	Town and Country, Mo.
Joel Gary Engelman.....	Columbus
Harold Andrew Engle.....	Yonkers, N. Y.
Donna Mae Erickson (cum laude).....	Columbus
John Robert Ettenhofer.....	Hamilton
David Brooks Evans.....	Columbus
Danny Burdett Fahrney.....	Medway
Dianne Elaine Farison.....	Cincinnati
Sharey Lee Feins.....	Union, N. J.
Dorothy Jean Fenko.....	Parma
Peter Gert Finke.....	Columbus
Sue Johnson Finley.....	Columbus
Theodore Goth Fisher.....	Columbus
Elizabeth Flanagan.....	Washington, D. C.
Judith Ann Fodor.....	Cleveland
Janice Lee Foos.....	Marion
Gary LeVaunt Ford.....	Steubenville
†Valerie Janz Forster.....	Columbus

\* Two degrees

Norman Elliott Fox.....	Dayton
Ruth Amelia Fox (summa cum laude).....	Oakland, Md.
George Victor Freimann.....	Cleveland
Suzanne Kristine Frey.....	Eugene, Ore.
Victor Leroy Frost.....	Findlay
Thomas Richard Frutig.....	Sandusky
Ira Gaffin.....	Columbus
James Gibson Gamble, B.Sc.....	Akron
Lucy Elizabeth Gangloff.....	Cincinnati
Elise Bernadette Garner.....	Pittsburgh, Pa.
Gary Kenneth Gartin.....	Columbus
Joseph John Gasper.....	Steubenville
Anne Marie Gentilini.....	Columbus
Margaret Jeanne Georges.....	Akron
Warren William Giles.....	Camp Hill, Pa.
Suzanne Elizabeth Gillette.....	West Portsmouth
Kenneth Ross Gilman.....	University Heights
Dana Arthur Gire.....	Columbus
George Glavinos, Jr.....	Cleveland
Robert Warren Glover.....	Lakewood
Randy James Gorcz.....	Cleveland
Karyn Siekierski Graybill.....	Maple Heights
James Russell Gregory.....	Ashtabula
Catherine Bennett Grogan.....	Columbus
Pamela Jill Grossman.....	Miami Beach, Fla.
Rolf Bernard Gruen.....	Elyria
† Barbara Sue Gumm.....	Kettering
James Mack Guthrie.....	Ashland
Richard Lent Guyton.....	Lima
Cheryl Kay Hachman.....	Norwood
Sharon Clare Haley.....	Clifton, N. J.
Harry Josiah Halliday.....	Powell
Barney Thompson Hamlin.....	Oberlin
Judith Ann Hanna (cum laude).....	Columbus
Robert Paul Harper.....	Grand Island, N. Y.
Barbara Gene Harris.....	Shaker Heights
Gary Lynn Harris.....	Mansfield
Brooks Loring Harrop.....	Lockwood
George Eric Harwin.....	Canton
† Pamela Jeanne Hauck.....	Worthington
Richard Lee Haycraft.....	Gallipolis
Elaine Alyce Hayden.....	New Lexington
Robert Kay Heath.....	Akron
Bette-Jo Hebert.....	Mansfield
Robert Skiles Henderson.....	Wapakoneta
† Pamela Jane Henry.....	Kettering
Ronald Hersh.....	Akron
* Donald Jay Hessler.....	Columbus
Michael Warren Hicks.....	Columbus
Robert Louis Hiatt (cum laude).....	Delphos
Andy Joe Higgins.....	Spencer
Robert Geoffrey Hoerger (cum laude).....	Dundee
William Bennett Holley.....	Canal Winchester
Robert William Holmstrom (cum laude).....	Cleveland

\* Two degrees

† Degree and certificate

Thomas Clyde Hone (cum laude and with Distinction in Political Science)	Salem
Wayne James Horvath	Cuyahoga Falls
Linda Mae Hunt	Stow
Lynne Ellen Hunt (summa cum laude)	Wintersville
James Edgar Huprich	Baltic
*Isobel Jean Inglis	Columbus
Richard Lee Innis	Columbus
† Renee Jameson	Columbus
Daniel Jerman	Coshocton
Marshall Eugene Johnson	Urbancrest
Nancy Ann Jones	Dayton
William Edwin Jones	Columbus
Charlene Mae Jordan	Columbus
William Edward Jordan	Columbus
*Barbara Lynne Joseph	Dayton
William Thomas Joyce	Cleveland
James Ross Jump	Willard
Michael Jeffery Kander	Dayton
Edward Alan Kaplan	Cleveland Heights
Jason Roman Kappanadze	Cleveland
Raymond Edward Karlsberger	Worthington
Michael Dennis Kelly	Columbus
Roger Edwin Kephart	Painesville
Eugene Kerry	Parma
Jon Thomas Keyser	Westerville
Royal Pearson Kiehl	Strongsville
David Allen Kiley	Medina
Alan Michael Kimmel	Dayton
Keith Judson Kistler	Lancaster
Gerry Ross Kline	Columbus
Harold David Kneppshield, Jr.	West Middletown
Suzanne Louise Knott	Columbus
* John Alfred Knudson	Lorain
† Patricia Ann Kobilarcik	Wooster
Karen Helen Kobrick	Belle Harbor, N. Y.
Richard Elston Koehler	Waldwick, N. J.
Kenneth Emil Kotch	Lakewood
Joseph Daniel Kramer	Columbus
Bonnie Kraus	Cincinnati
Michael Alexander Kraus	Cincinnati
Peter Fredrick Laird	Ashtabula
Stanley Earl Lane	South Euclid
Laurel Lynne Lange	Kenton
Alan Jerry Lashley	Powell
Sheryl Moore Lawrence	Columbus
Walter Marion Lawson III	Lima
Herrick Fairchild Laylin	Columbus
Gary Paul Leach	Columbus
Regis Robert Lee	Warrensville Heights
John Edward Legros	Mt. Vernon
Robert Joseph Lenzo	Cambridge
Alan Jeffrey Levine	Shaker Heights
Lars Sture Lindenhall	Galion
John William Logue	Conneaut
Sherrie Ann Lookner	West Newton, Mass.

\* Two degrees

† Degree and certificate



Daniel Joseph Loveland.....	Columbus
† Mary Caroline Lowery.....	Columbus
Ina Garliner Lowy.....	Buffalo, N. Y.
Gary Wayne Lunter.....	Worthington
Howard Robert Maier.....	Cleveland
William Emil Malinovsky.....	Columbus
Jeanne Marie Mallett (cum laude and with Distinction in Political Science) .....	Bay Village
Margaret Sue Martin.....	St. Clairsville
† Michelle Anne Martin.....	Cleveland
Melva Jean Martineau.....	Dayton
John William Matthews.....	Gallipolis
William Edmund Matz.....	Chillicothe
Robert Alan McBride.....	Worthington
Thomas Stephen McCool.....	Columbus
William Samuel McCready.....	Toledo
Carol Newell McIlwain.....	Cincinnati
Gene Howard McKenna.....	Akron
Katy Jo McMannamy.....	Lima
James Andrew McQuade.....	South Natick, Mass.
Constance Anderson Meeks.....	Columbus
Kathleen Maria Melvin.....	Columbus
* Thomas Anthony Melvin, Jr.....	Columbus
Edward Lee Meosky.....	Dayton
Keith David Miller (cum laude).....	Tipp City
Laurence Lynn Miller.....	Findlay
Mark Alan Miller.....	Kilbourne
Thomas Roger Miller (cum laude).....	Eaton
Lizbeth Ann Mohler.....	Scotch Plains, N. J.
Robert Harlon Moone.....	Columbus
Margaret Lois Morrell.....	Ney
Robert Hammond Morton.....	Columbus
David Gregory Musgrove.....	Warren
Kenneth Lance Naversen.....	Dayton
Charles Robert Naylor.....	Florissant, Mo.
Alfred Ragan Neil.....	Columbus
Nancy Lee Newman.....	Willoughby
Clifford Avon Noe.....	Toledo
Richard Patrick Norris.....	Lyndhurst
Edmond Felix Notebaert.....	Columbus
Mary Lee Nye.....	Wooster
Joseph Patrick O'Brien.....	Columbus
Michael Andrew Ochs.....	Cleveland Heights
Helen Mary O'Donnell.....	Columbus
George Edgar Omen, Jr.....	Columbus
Jeffrey Robert Orenstein.....	Cleveland Heights
Michael Woodrow Owen.....	Columbus
Alice Ann Owens.....	Troy
† Judy Carol Oxman.....	Mansfield
James Rudolph Ozol.....	Columbus
Jeffrey Allan Paine.....	Columbus
Beverly Belfer Parmer.....	Cleveland
Margaret Martin Passon.....	Springfield
Lynn Davis Patterson (cum laude).....	Dayton

\* Two degrees

† Degree and certificate

David Kenneth Perlman.....	Brooklyn, N. Y.
Thornton Arthur Perry.....	Lima
Martha Luella Phelps.....	Columbus
Wolfgang Pindur.....	Marion
Dirinda Kay Pollard.....	Grove City
Richard Howard Prigozen.....	Dayton
Edythe Jane Prisk.....	Westerville
William Floyd Ratliff.....	Columbus
James Lee Ray (cum laude).....	Pettisville
*Kerry Jackson Reed.....	Princeton, W. Va.
Erich Siegfried Reichenbach.....	Cleveland
Roberta Anne Richmond.....	Auburndale, Mass.
Thomas Joseph Riley.....	Columbus
Eileen Mary Roach.....	Cincinnati
John Theodore Robich.....	Louisville, Ky.
Jone Marlee Rogers (cum laude).....	Mansfield
Nicholas Anthony Romeo.....	Campbell
Kenneth Charles Rose.....	Cleveland
William Arthur Rottmayer (cum laude).....	Akron
Phillip John Routh.....	Sandusky
Theodore Royce.....	Lakewood
Sharen Nancy Rozen.....	Akron
Uldis Janis Sakss.....	East Cleveland
John Michael Salimbene.....	Columbus
Philip Carl Sammet.....	Columbus
Nadine Kay Santo.....	Warren
Anne Marie Scanlan.....	Columbus
Steven William Schachter.....	Columbus
Mary Alice Scherer.....	Columbus
Sandra Kay Schoenike.....	Racine, Wis.
* Ruediger Siegfried Schroeer.....	Enon
Roger Dean Schwenke.....	Logan
Russell Geren Seybold.....	Washington, D.C.
Robert Michael Sheahan.....	Cleveland
Thomas Sheehan.....	Columbus
Elizabeth Jean Shiah.....	Manhasset, N. Y.
Benjamin Bell Shriver.....	Mingo Junction
David Howard Shumaker.....	Amherst
Leslie Ann Silvers.....	Baltimore, Md.
Toomas Simson.....	Seabrook, N. J.
Aileen Carole Singer.....	South Euclid
† Wilma Virginia Smallsreed.....	Newton Falls
John Phillip Smith.....	Columbus
Martha Jane Smith.....	Columbus
David Kirby Smucker.....	Cuyahoga Falls
† Maxene Jane Sneeringer.....	Mansfield
* Florence Elizabeth Snyder.....	Columbus
† Frenna Christian Sockman.....	New Cumberland, Pa.
Peter Sodja.....	Cleveland
Tamara Solway.....	Cincinnati
Dale Warren Sommer.....	Cleveland
Carl John Spaide.....	Ashland
Douglas Richard Spence.....	Lorain
Gail Irene Splaver.....	Arcadia, Calif.
Douglas Reinhold Stauffer.....	Rocky River

\* Two Degrees

† Degree and certificate

Geoffrey Pace Steele.....	Columbus
David Brian Stires.....	Canton
Richard Stephan Stoddard.....	Valencia, Venezuela
Wolf Dieter Storl.....	Spencer
Peter Strauss.....	Cleveland
Coleen Celesta Strickler.....	Pennsboro, W. Va.
Frank Peter Strozyk.....	Cleveland
Nancy Palmer Stump.....	Worthington
Peter George Stungys, B.Sc.....	East Cleveland
Robert Marshall Stutz.....	Dayton
James Frederick Sunbury.....	Columbus
Leonora Gertrude Poe Sutton (cum laude).....	Columbus
David Morton Tabakow.....	Cincinnati
*Jane Wolkin Tapper.....	Hamilton
Richard Gary Tarnoff.....	Winnetka, Ill.
Stuart Barden Tennant.....	Worthington
*Andrea Marie Theibert.....	Columbus
James Joseph Theis.....	New Riegel
*Jerrie Lynn Thornell.....	Portage, Mich.
David Thomas Timm.....	Kettering
Rosemary Lisa Tozzi.....	Waynesburg
Anne Carolyn Trousdale.....	Lancaster
Pamela Sue Trowbridge.....	Newark
† Sally Diane Turner.....	Columbus
Franklin Pass Tyson, Jr.....	King of Prussia, Pa.
John Herbert Tyson.....	Columbus
Gregory Frank Van Gundy (cum laude).....	Bryan
Larry Edward Vaughan.....	Columbus
Felix Vega.....	Bayamon, Puerto Rico
Suzanne Verdone.....	Columbus
Harold Lloyd Voss.....	Columbus
Robert Frederick Voss (cum laude).....	DeGraff
Ronald Douglas Wagner.....	Willoughby
Daniel Steven Waldsmith.....	Sidney
Raymond Clifford Walker III.....	Columbus
Robert Edward Walker.....	Fairborn
Earl Eugene Ward.....	Springfield
Lawrence E. Wardwell, Jr.....	Lorain
* Todd Carter Warmington.....	Akron
* Judith Elizabeth Warshaw.....	Kingston, N. Y.
Jack Meredith Weller.....	Mt. Gilead
Gary Adams Wheeler.....	Sparta, N. J.
Philip Warren Whitaker.....	Columbus
Arnold Sheldon White.....	Columbus
Doris Shackleton White.....	Edgartown, Mass.
* Marilyn Elizabeth White (cum laude).....	Poland
Cintra Blum Whitehead.....	Waynesfield
Larry Leith Wickliff.....	Grove City
Harold Fredrick Williams.....	Toledo
Richard Ervin Williams.....	Lancaster
David Chappell Winters.....	Springfield
Sheldon Stuart Wittenberg.....	Toledo
Mervin Edward Woike.....	Cleveland
Leanne German Wolf.....	Rochester, N. Y.
Kermit Ward Wolford.....	Columbus

\* Two Degrees

† Degree and certificate

John Marcus Wood.....	Columbus
Shirley Jean Wood.....	Massillon
Kenneth Winfield Worme.....	Nassau, N. Y.
Joseph Eugene Wright.....	Massillon
Barbara Yen.....	Columbus
Stephen Kyle Yoder.....	West Liberty
Donna Gene Zucker (with Distinction in English).....	Shaker Heights

(Three hundred and eighty-one candidates)

#### Bachelor of Science

Larry Donald Ackerman.....	Fairborn
Francis Charles Adams.....	Mansfield
Charles Fredric Anderson.....	Barberton
James Willis Anderson.....	Willshire
George Andrijowych.....	Lorain
Douglas Robert Angerman.....	Navarre
William Edward Arrowsmith.....	Westerville
John Henry Bachmann, Jr.....	Akron
William Arthur Bailey.....	Zanesville
Warren Dennis Balazs.....	Cleveland
Richard Henry Baltz.....	Cambridge
Lawrence Jay Barger.....	Cuyahoga Falls
Robert Charles Barney.....	Columbus
Thomas Francis Bear.....	Dover
Roger Knoll Blashfield (cum laude).....	Galion
William Joseph Blazek, Jr. (cum laude).....	New Lexington
David Solomon Bloomfield.....	Columbus
Richard James Bodonyi.....	Cleveland
Lowell Harrison Body II.....	Stow
Donald Clarence Boger.....	Lima
Phillip David Boger.....	Lancaster
Jeffrey A. Borbely.....	Willoughby
William Paul Bringman.....	Upper Sandusky
Philip Steven Bryan (cum laude).....	Delphos
Richard Alvin Burke.....	Gallipolis
Michael A. Carbin.....	Elyria
Carl Chester Carter II.....	Miami, Fla.
James Roland Carter.....	West Hempstead, N. Y.
Dollie Katherine Christman.....	Woodsfield
Franklin Chu (cum laude).....	Springfield
Terence Alan Cochran.....	Richwood
Jack Dennis Cole.....	Hudson
Michael John Cooney.....	Youngstown
Robert Winston Cooper.....	Chillicothe
Rodney Edwin Cooper.....	Ripley
William Van Corban.....	Kettering
David Edward Crouch.....	Dayton
Christopher Dennis Crowley.....	Cincinnati
Richard Ward Cumming (cum laude).....	Wapakoneta
Andrew David Cunningham.....	Jersey City, N. J.
Stanley Robert Czyzak.....	Medway
Gary Jay DaMert.....	Cleveland
Kendra Sue Dayger.....	Greenville, S. C.
Bryant David Denk.....	Millersburg

\* Two degrees

John Richard Donahue, B.A. (The Athenaeum of Ohio, Cincinnati)

	Centerville
Warren John Downhour.....	Elida
Charles Gilbert Dunbar.....	Chesterland
Howard M. Eisernoff.....	Cleveland
Elliott Roy Eisner.....	Cleveland Heights
Carolyn Joyce Ellison.....	Columbus
Martin Ersts.....	Cleveland
Susan Erossy Esper.....	Lakewood
William Richard Evans.....	Cleveland
Allen Lowell Ewing.....	Salem
John James Fahey, Jr.....	Evanston, Ill.
William E. Feeman, Jr.....	Allison Park, Pa.
Robert Arthur Feldman.....	Shaker Heights
Robert David Feltzin.....	Dayton
John Frederick Fish.....	Cincinnati
Alan Murray Fisher (cum laude).....	New Philadelphia
John William Fleming, Jr.....	Columbus
Gerald Edward Fox.....	Akron
Richard Joel Freedman.....	New York, N. Y.
Donald French.....	Akron
William Walter Gilbert.....	Twinsburg
Larry Roger Gilger.....	Greenwich
Robert Joseph Gillesby.....	Fairborn
Adam Lee Glazier.....	New Philadelphia
Kay Niki Graham.....	Warren
Ronald Eugene Gray.....	Catawba
Terrence James Gray.....	Grove City
Frank William Gruber.....	Columbus
William Douglas Guinn.....	Columbus
Byron William Gustin.....	Dayton
Mary Beatrice Haldane.....	Waverly
Jon Douglas Hartman.....	Brecksville
Paul Guy Hastings.....	Cleveland
Raymond Ernest Hatton.....	Cleveland
Roland Duane Hedgespeth.....	Columbus
John Patrick Hegarty.....	Barberton
John Charles Heiby.....	Sulphur Springs
Christina May Henneke.....	Columbus
Sanford Herskovitz.....	University Heights
Stephen Kornel Hetey.....	Akron
Rodney Clinton Hild.....	Kettering
Charles Floyd Hildebolt.....	Eaton
John Patrick Hildebrand.....	Cleveland
Richard Lee Hill.....	Hamilton
John Raphael Jacquemin.....	Troy
Emily Margaret Janning.....	Bay Village
Thomas Arthur Johnson.....	Madison
Robert John Kattman.....	Wapakoneta
Jeffrey Lawrence Katz.....	Valley Stream, N. Y.
Robert Joseph Keck.....	Columbus
John Michael Keener.....	Levittown, Pa.
Kathleen Frances Kelsey.....	Lima
Nicholas Michael Kentris.....	Fostoria
Douglas Everet Kesatie.....	Conneaut
Lonnice James King.....	Wooster

George Franklin Kish.....	Perrysburg
Albert Jonathan Klein (cum laude).....	Dayton
David Louis Klein.....	Cleveland Heights
David Ludwig Knowlton.....	St. Clairsville
Bruce Roger Knox.....	Euclid
Phillip Edward Kreager.....	Cleveland
Judith Anne Landau.....	Youngstown
Kenneth Charles Lang.....	New Philadelphia
Robert Lee Lawrence.....	Columbus
Andrew William Lazar.....	Cleveland
Kenneth Lee.....	Akron
Marvin Eugene Leedy.....	Lima
Ward Houston Leedy.....	South Point
Bruce John Lehy.....	Cleveland
Richard Kenneth Lenhart.....	Maumee
William Julius Lenz.....	Toledo
Stanley Milton Lerner.....	Youngstown
Norton Sheldon Levine.....	Shaker Heights
Stephen Barry Levitt.....	Dayton
Robert Earl Ley III.....	Dover
Lawrence Albert Lisska.....	Gahanna
Gordon Rice Little.....	Arlington, Va.
Gary Allen Littlepage.....	Worthington
John David Logan.....	Kettering
Owen Williamson Logee.....	Wooster
Stephen Allen Lohr (cum laude).....	Canton
Lawrence Elliot Luria.....	Teaneck, N. J.
Mark Irwin Lurie.....	University Heights
Frank Clark Lyons, Jr.....	East Liverpool
David Michael Magyar.....	Cleveland
Michael Leroy Manchester.....	Kettering
Joseph Frederick Manship.....	Philadelphia, Pa.
Myron Ian Markovitz.....	Johnstown, Pa.
Jorge Matanzo.....	Delaware
Richard Jeffery Mathews.....	Bellville
John Robert McCarroll.....	Zanesville
John Allan McFarland.....	Springfield
Cynthia McNeal.....	Hartsdale, N. Y.
Janet Carol Meincer.....	Toledo
John Wylie Meredith.....	Columbus
Nelson Miller.....	Amlin
Arthur Anthony Minadeo.....	Cleveland
Robert Franklin Mitchem.....	Washington C. H.
Robert Lee Mittendorf.....	Ashland, Ky.
Robert Philip Morgan.....	Columbus
Orval Lee Mullen (cum laude).....	Oakwood
Gary David Myers.....	Ashtabula
Ellen Sue Natowitz.....	Metuchen, N. J.
Clayton Edward Nenno, Jr.....	Fairport Harbor
James Wilbur Ness.....	Dayton
David Harry Nielsen (cum laude).....	Dayton
Gary Dennis Nixon (summa cum laude).....	Kettering
Donald Paul Orr (cum laude).....	Orrville
Michael Ewing Page.....	Dennison
Connie Rogers Palmer.....	La Follette, Tenn.
David Owen Pearson.....	Monroe, Mich.

James Erwin Pendleton.....	Ashtabula
James Lamar Peters.....	Maplewood
Richard Allen Petrilla.....	Warren
Karen Jayne Pfahl.....	Independence
Wayne Edward Phyllaier.....	Sidney
Theodore Richard Pope.....	Delaware
James Marshall Previll.....	Charleston, W. Va.
Kevin James Pyle.....	Marysville
Paul Alexis Rab.....	Dayton
Gerald Thomas Rea.....	New Holland
Michael Harold Reineck.....	Norwalk
Richard Charles Richley.....	Cincinnati
Teresa Anne Rider (cum laude).....	Marysville
John Paul Riehl.....	North Canton
Karl Perry Rieppel.....	Worthington
James David River, B.A.....	Chillicothe
Charles Morrison Robbins.....	Steubenville
Nancy Ann Rose.....	East Cleveland
Philip Roth.....	South Euclid
Lyle Wesley Royer.....	Canton
Frank Thomas Schaber.....	Columbus
Franklin Max Scheel.....	Grove City
Joel Marc Schwartz.....	Akron
Ann Kintner Scott (cum laude).....	Pioneer
Wendell Paul Scott, Jr.....	Columbus
Michael Ellis Segal.....	Cleveland
Alvin Martin Sellers.....	Huntington, W. Va.
Jerome Marshall Shalf (summa cum laude).....	Kettering
Paul Douglas Shoaps.....	Strongsville
Larry Dowain Showalter.....	Columbus
Louis Eugene Simpson.....	Mansfield
George Dean Slater.....	Columbus
David Eugene Smith.....	Chillicothe
William Sherman Smith.....	Springfield
Donald Edward Snider (cum laude).....	Bay Village
William Heise Spahr.....	Columbus
Donald Allen Spencer.....	Tiffin
Edward Alexander Spencer.....	Cincinnati
Stanley Raymond Spurgeon.....	Marysville
Gary Alan Steinberger.....	Cleveland
Steven Dale Stellman.....	Columbus
Jon Henry Sticklen (with Distinction in Physics).....	Ashley
Charles Albert St. Jean.....	Lowell, Mass.
David Alan Stout.....	Worthington
Patricia Ann Sustarsic (cum laude and with Distinction in Zoology) .....	Cleveland
Theodore Lee Swartz.....	Perrysburg
Robert Stuart Tarr.....	Toledo
John Frederick Taylor.....	Clinton
James Edward Thesing.....	Lancaster
James Arthur Thomas.....	Cincinnati
Jay Maxford Thompson.....	Oberlin
Kenneth Beamer Tomer (cum laude).....	Cuyahoga Falls
Wynne Tootleman.....	Washington, N. J.
David Samuel Tuber (cum laude).....	Mansfield
Lee Irwin Turner.....	Shaker Heights

Lois Jean Turner.....	Dayton
William Douglas Turpin.....	Pleasantville
Stephen Richard Uhlin.....	Poland
Donald Victor Unverferth.....	Dayton
Christina Ruth Urban.....	Dayton
Larry Lee Van Pelt.....	Columbus
Leone Marie Vaughan.....	Columbus
Martin Ray Venneman.....	Chardon
Ralph Ronald Verioti.....	Jefferson
Wayne Steven Verny.....	Oswego, N. Y.
Josann Fairol Watkins.....	Columbus
Ronald Edward Welch (cum laude).....	Dublin
Karen Westfahl.....	Cuyahoga Falls
Charles Edward Williams.....	Eaton
Alan Cecil Wine.....	Youngstown
John William Wolf.....	Piqua
Frank Chester Woodside III.....	Cincinnati
James Ralph Wright.....	Grove City
Larry Ivan Yarrington.....	Columbus
Jeffrey Allgier Yoder.....	West Liberty
Joseph Robert Yohman.....	Cincinnati
Ian Mark Zlotolow.....	Louisville, Ky.

(Two hundred and thirty-two candidates)

#### **Bachelor of Science in Medical Technology**

Marva Michele Harris.....	Columbus
Carolee Hemmerly.....	Columbus
Karlina Karen King.....	Felicity
Barbara Ann Kline.....	Mansfield
Arlynn Dale Reiffel.....	Glencoe, Ill.
Jacqueline Purcell Reynolds.....	Elyria
Carol Morton Ullner.....	Cincinnati

(Seven candidates)

#### **Bachelor of Science in Physical Therapy**

Sheila Marlene Abromowitz.....	Columbus
Rosalie Ann Bissell.....	Fairfield
Myrna Kay Bradshaw.....	Elida
Joan Morton Brun.....	Vandalia
Jerry Lee Bryant.....	Galion
Sandra Kay Dall.....	Butler
Russell Joseph Gelhar.....	Cleveland
Robert William Graham.....	Chesterland
Susan Marie Holeski.....	West Richfield
Phyllis Jean Holliday.....	Campbell
Carol Humphrey Jones.....	Camillus, N. Y.
Carol Theresa Kaiser.....	Canton
Elizabeth Jane King.....	Cincinnati
Carolyn Mildred Linhart.....	Lima
Joan Dayle Maxwell.....	Zanesville
Mary Lou Norton.....	Washington, Ind.
Judith Ann Ralston.....	Coraopolis, Pa.



Rebecca Rockwell.....	Barnesville
Harriet Doris Rosenberg.....	Greensburg, Pa.
Roberta Joan Rosenthal.....	Bronxville, N. Y.
Suzanne Campbell Schiff.....	Cincinnati
Barbara Pohle Smith.....	Columbus
Sharon Ann Sullivan.....	Columbus
Teresa Brown Sutphen.....	Cuyahoga Falls
Karen Jean Van Linge.....	Parma
Ruth Elizabeth Welty.....	Dayton
Barbara Jeanne Wolf.....	Hamilton

(Twenty-seven candidates)

## *School of Journalism*

### **Bachelor of Arts**

Jane Louise Andrews.....	Canton
Homer Brickey, Jr.....	Pickerington
David James Drake.....	Norwalk
Pamela Dyer Evans.....	Dayton
Nan Evelyn Garrison.....	Columbus
Jacqueline Louise Harris, B.Sc.....	Columbus
Linda Lou Hostettler.....	Loudonville
David Mills Lamon.....	Lima
James William McAuley, Jr.....	Toledo
Robert Allen McKnight.....	Columbus
Sandra Kay Miller.....	Springfield
Barry Coe Musselman.....	Shreve
Gary Lee Nuhn.....	Blanchester
Betsy Joyce Rich.....	Newton, Mass.
Mary Margaret Sharp (cum laude).....	Parkersburg, W. Va.
Robert Sheppard.....	Euclid
Carol Lynn Stecher.....	Smithtown, N. Y.
Sherryl Ann Woods.....	Arlington, Va.

(Eighteen candidates)

## *School of Optometry*

### **Doctor of Optometry**

Thomas Edward Fiffick, B.Sc., B.Sc. in Opt.....	Canfield
Jack Millard Fugate, B.Sc. in Opt., M.Sc.....	Columbus
Jerry Lee Neely, B.Sc. in Opt.....	Antwerp
John Paul Schoessler, B.Sc. in Opt.....	Kent

(Four candidates)

### **Bachelor of Science in Optometry**

Ronald Mack Beal, B.Sc.....	Xenia
Charles Howard Bishop, B.S. (Western Michigan University)	Battle Creek, Mich.
Dennis Keith Brunotte.....	Urbana
David Charles Canfield.....	Bowerston

Richard Allen Cook.....	Cleveland
Michael Wilbur Coon, B.Sc.....	Cleveland
Robert Cleyton England.....	Zanesville
Edward Thomas Flinn.....	Sidney
Richard Harris Glanville III.....	Cuyahoga Falls
Robert Edward Gregg.....	Zanesville
James Arthur Hater.....	Cincinnati
Edmund Michael Herb, B.Sc.....	Zanesville
David Allen Howe.....	Springfield
Charles Joseph Keil.....	Benzonia, Mich.
Thomas Dean Kiggins, B.Sc.....	Van Wert
Gerald Eugene Lowther (cum laude).....	Lancaster
Nick Parthenakis.....	Cincinnati
Marvin Lee Pflaumer, B.Sc.....	New Carlisle
Bruce Welton Pratte.....	South Vienna
Patrick Lee Reardon.....	Millersport
Daniel Milton Runyan.....	South Vienna
Norman James Skillicorn.....	Bedford
William Blair Thomas.....	Gallipolis
Steven Allen Tuckerman.....	Columbus
Edwin Carl Winbigler.....	Mansfield
Koran Lee Zehnder.....	Shanesville

(Twenty-six candidates)

# College of Commerce and Administration

Dean: James R. McCoy

## Bachelor of Science in Business Administration

Richard Kent Aeh.....	Columbus
Gary Len Alwood.....	Columbus
Roger Fay Andrew.....	Hamilton
Robert Alexander Andrews.....	Columbus
Jerome Elliott Apple.....	Warren
John Ray Arganbright.....	Columbus
David Jess Barabe.....	Dayton
Barbara Joan Barbu.....	Avon
James Edgar Barkley.....	Columbus
Lynn Douglas Bartley.....	Grove City
Robert Cappel Becker.....	New Philadelphia
William Lynn Beebe.....	Columbus
Gerald Alan Berk.....	South Euclid
Robert Alan Berman.....	Columbus
Thomas Anthony Bertin.....	Cleveland
Terry Grim Blatter.....	Ripley
John Edward Bonar.....	Columbus
Donald Lee Boothby.....	Lima
James Sherwood Borland.....	Delaware
James Stewart Browne.....	Coral Gables, Fla.
William Leroy Brubaker.....	Napoleon
Stephen Cahall Brunner.....	Mansfield
Frederick Vincent Brunton.....	Columbus
Robert Michael Bruton.....	Shaker Heights
Harvey Kenneth Buchbinder.....	Flushing, N. Y.
Thomas Edward Bugel.....	West Homestead, Pa.
Richard Allyn Calkins (cum laude).....	Columbus
Edward Joseph Cappy.....	Akron
Christine Elizabeth Carey.....	Rocky River
Larry Bruce Chandler.....	Plain City
Dale Olin Channell.....	Senecaville
John Robert Cogswell.....	Marysville
Steven Laurence Coleman.....	Fort Wayne, Ind.
Charles Lawren Coltrin.....	Canton
Barbara Lu Corn.....	Middletown
Jeffrey Lynn Corthell.....	Port Clinton
Karen Ann Cowan.....	Dayton
James Karl Cowen.....	Lakewood
James Carl Davidson.....	Alliance
William Franklin Davis, Jr.....	Loveland
William Lee Dawley.....	Worthington
Edward Adolph DiCresce.....	Akron
Robert Stanley Dombroviak.....	Rossford
John Bennett Donaldson, Jr.....	Pontiac, Mich.
Harry Lee Donavon.....	Newark
William Richard Donham.....	Lima
Donald Eugene Douglas.....	Columbus
Walter Edward Downey.....	Columbus
Ann Louise Emmelheintz.....	Russells Point
Jerry Joe England.....	Bethel

Burton Lee Epstein.....	Omaha, Nebr.
John Edward Erb.....	Marietta
Stephen Leslie Eschleman.....	Columbus
Joanne Rose Fischer.....	Levittown, N. Y.
Richard Ivan Fisher.....	Coshocton
Robert Lynn Fisher.....	Worthington
Lyle Graddon Fjelsted.....	Oscoda, Mich.
Michael Collins Flavin.....	Columbus
Kenneth Harold Fried.....	Cleveland
Beatrice Jane Fry.....	Springfield
Michael Howard Galan.....	Cleveland Heights
Claudia Elizabeth Gardiner.....	Bethesda, Md.
Ronald Edward Garrett.....	Wapakoneta
Barry Paul Garson.....	Cleveland
Brian Keith Garson.....	Cleveland
John William Gelbach.....	North Robinson
Terry Edward George.....	Parkview
Julian Simon Greenspun.....	Cleveland
James Francis Grimme.....	West Chester
Allan William Grintz.....	Cleveland Heights
David Franklin Guinn.....	Columbus
Jeffrey Allen Haas.....	Columbus
Robert Kyle Hammersmith, Jr.....	Columbus
James Fredrick Hanje.....	Northfield
Kenneth Clark Harman (cum laude).....	Canal Winchester
Frederick Louis Harris.....	Columbus
Michael Edwin Hastings.....	Concord, Calif.
Ralph Douglas Hatch.....	St. Clairsville
Larry Lammers Heckman.....	East Cleveland
Louis John Heil.....	North Olmsted
Lester Edward Heitger.....	Columbus
Mautz Leroy Henderson, Jr.....	Springfield
James Herbert Hughes.....	Norwich
Stuart Mark Hurwitz.....	Omaha, Nebr.
Roger Willard Hutt.....	Chillicothe
Stephen Jared Huxley.....	Sidney
Sue Randolph James.....	Columbus
Thomas George Johns.....	Cincinnati
Kenneth Allen Joseph.....	Shaker Heights
Keith Newton Junk.....	Mt. Sterling
Frederick Wilson Kafer.....	Hudson
Bertrand Joseph Keegan.....	Toledo
Dwight Allen Kelley.....	Bremen
James Nicholas Kellogg (cum laude).....	Columbus
Stephen Craig Kenney.....	New Canaan, Conn.
Jack Kettler.....	Columbus
Daniel Lee King.....	West Liberty
Kirk Howland Kjellman.....	East Liverpool
Norman John Klym.....	Parma Heights
Thomas Anthony Knotek.....	Warren
Albert Eugene Kohler, Jr.....	Columbus
Thomas Joseph Kohls.....	Galion
Joseph Anthony Konecny.....	Defiance
Richard Kosmo (cum laude).....	Lorain
Henry Gary Kuhlmann.....	Columbus
Neil Worthington Lamb, Jr.....	Columbus

Robert Freeman Lauer, Jr.	Columbus
Tom Lefkowitz	Shawnee Mission, Kans.
Hollis Dyanne Lescovitz	Franklin, Mass.
Charles August Loesch	Parma
Lawrence Henry Lyons II	Columbus
Richard Alan Maben	Bay Village
Ronald Dennis Manes	Warren
Bruce Edwin Marshall	Sebring
Richard Lee Mayhue	Silver Spring, Md.
Mary Clair McCarron	Youngstown
Robert Edward McKenna	Columbus
Jeffrey Lee Meldon	Shaker Heights
James Robert Miley	Worthington
James Clinton Miller	Columbus
Stephen Lane Miller	Columbus
William Kelso Miller	Huntington Station, N. Y.
Paul Leon Millet	Dayton
Robert Edward Milliken	Waynesburg, Pa.
Michael Edward Minister	Worthington
Steven Chester Mirick	Columbus
Ronald Paul Mlicki	Columbus
Gerald Allen Moore	Columbus
Rose Marie Moore	Columbus
Reed Laird Morton	Shaker Heights
Henda Jean Munter	Pittsburgh, Pa.
Patricia Jeanne Nangle	Logan
Ann Louise Nardin	Middletown
Stephen Murray Nechemias	Cincinnati
Gerald Burke Newman	Wooster
Lloyd Carl Nicol	Marysville
David Joseph Niehaus	Hamilton
Bruce Austin Norvell	Pontiac, Mich.
James Edwin Notestine	Cincinnati
James Gordon Oates	Dunkirk
Denson Coy Pate, Jr.	Chillicothe
David Ralph Pepple	Lima
James Verdon Phillips	Galion
Robert Anthony Piazza	Elyria
Duane Hershel Plummer	Ebensburg, Pa.
Michael Ian Ragovin	University Heights
Richard Eugene Reedy, Jr.	Columbus
Jeffrey Baylor Reitman	Roslyn, N. Y.
Bruce Lippincott Reline	Pittsburgh, Pa.
Orel Shea Riley, Jr.	Chillicothe
Alan Vaughn Rinard	Van Wert
Anne Ellen Rogers	Columbus
Jack Luke Rosati	Dayton
Jerry Lee Rose	Columbus
Robert David Rosen	Cincinnati
Bryan Roger Roub	Strongsville
Robert Edwin Rulon	Wilmington
Gregory Warren Rush	Bucyrus
Sandra Lee Russ	Canton, Mass.
Robert Henry Saner	Bethel
Allan Joseph Sansotta	Marion
Leonard Joseph Schossler	Ashtabula

Michael Samuel Schwartz.....	Cincinnati
Peter Schweigert, Jr.....	Salem
Jerry Earl Seckel.....	Columbus
Elwin Lee Sellers.....	Columbus
Donald Arthur Severino.....	Worthington
David Seymour Shapero.....	Lorain
Michael Irving Shapero.....	University Heights
David Joe Sheets.....	Lewisburg
Jay Zolte Shoor.....	Shaker Heights
James Edwin Shriver.....	Columbus
Jerry Barton Silverman.....	University Heights
Roger Charles Siske.....	Marion
Bruce Howard Smith.....	Pataskala
David Smith.....	East Cleveland
Donna Michele Smith.....	Columbus
Randall Charles Smith.....	Fremont
Thomas Lee Smith.....	Kenton
Ronald Howard Solt.....	Canal Winchester
Albert Gene Sparrow.....	Brunswick
James Barry Stafford.....	Columbus
Michael Alfred Stanhope.....	Chillicothe
Theodore Ernest Stassou.....	Jamaica Estates, N. Y.
Darlene Oeschler Staufer.....	Cleveland Heights
David Howard Storch.....	Columbus
Richard Edmond Swank.....	Newark
James Armon Swigart.....	Bowling Green
James Oscar Taylor, Jr.....	Nelsonville
Ronald Lee Thomas.....	Cincinnati
Jack Franklin Thornton.....	Cincinnati
George Allen Trask.....	Hudson
William Joseph Turner.....	New Boston
Robert Edmund Wallace, Jr.....	Norwalk
Andrew William Wanie.....	Toronto, Ont., Canada
Robert Mittler Weinberger.....	Hubbard
Lawrence Arthur Welch.....	Shaker Heights
James Frederick Wickham.....	Delaware
Glen Owen Wilcox.....	Columbus
Richard Louis Williams.....	Columbus
Arthur Edward Wilson.....	Springfield
Kenneth Kincaid Wilson.....	Sabina
Ruth Elizabeth Wilson.....	Coshocton
Ann Wrigley.....	Columbus
Marshall Grenney Wyman.....	Painesville
Edward Carl Yerian.....	Columbus
Fahn Diane Zelizer.....	Columbus

(Two hundred and seven candidates)

## *School of Social Work*

### **Bachelor of Science in Social Welfare**

Joanne Elaine Baumann.....	West Chester
Elizabeth Irene Bauscher.....	Bay Village
Elizabeth Catherine Blinkoff.....	Buffalo, N. Y.
Mary Kay Calhoun.....	Bucyrus
Robert Lee Chapman.....	Columbus
Nancy Lou Cohen.....	Columbus
Shirley Dean Farr.....	Springfield
Paula Ann Ferland (summa cum laude).....	Pittsfield, Mass.
Juanita Williams Furuta.....	Columbus
Kathryn Froug Gersh (summa cum laude).....	Columbus
Diane Reich Goldberger.....	Knoxville, Tenn.
Judith Ann Graves.....	Chillicothe
Melvin Thomas Harris.....	Canton
Maralyn Sue Heimlich.....	Marysville
Rosanne Kanter.....	Columbus
James Leopold Kirkell.....	University Heights
Carol Rae London.....	Clarksburg, W. Va.
Paula Marie McClain.....	Carrollton
Janice Ann Meltzer.....	Jackson
Deborah May Mulford.....	Lebanon
Sandra Kaye Parks.....	Urbana
Arlene Vicki Pitinsky.....	Dayton
Nancy Beth Powell.....	Columbus
Jacqueline Kay Purdy.....	Bucyrus
Susan Prior Pyle.....	Berea
Virginia Reed.....	Cincinnati
Mary Sandra Restaino.....	Canton
Linda Sue Ringelspaugh.....	Kettering
Daniel Ardel Smith.....	Columbus
Sheila Schmer Strauss.....	Rockville Centre, N. Y.
Catherine Elaine Summers.....	Columbus
Frank Kenneth Szalay.....	Cleveland
Marilyn Catherine Wetzal.....	Columbus
Gail Patricia Wilhelm.....	Whitehouse
Phyllis Jean Wilson.....	Mansfield

(Thirty-five candidates)

# College of Dentistry

Dean: John R. Wilson

## Doctor of Dental Surgery

Roger George Adamcin.....	Cleveland
Ronald Bruce Anderson.....	Columbus
Frank Louis Antenucci, Jr., B.S. (Xavier University).....	Cincinnati
Philip Randal Ark (cum laude) .....	Dayton
David Jay Astrachan, A.B. (University of California at Los Angeles)	Dayton
William Albert Ayers III, B.Sc. in Edu.....	Columbus
John Harry Baird.....	Dayton
John Earl Baldini.....	Columbus
Robert George Bissell, B.A.....	Columbus
William Frank Black, B.S. (University of Toledo).....	Toledo
Olin Maxwell Bleichrodt.....	Akron
Fredric Allen Blonstein.....	Dayton
Michael James Borrelli, Jr.....	Mentor
Joseph Brant.....	Hamilton
Lewis Clair Brokaw.....	Columbus
Alan Richard Brown.....	Cincinnati
James August Brown.....	Cuyahoga Falls
William Kennard Bruce II.....	Marion
E. Julian Caldwell, B.S. (Ohio University).....	Gallipolis
Larry Leroy Cline, B.S. (Otterbein College) (cum laude) .....	Danville
William Walter Cline, B.Sc.....	Columbus
Harvey Bernard Cohen.....	Canton
George Harcourt Collins.....	Worthington
John Joseph Corron.....	Dayton
John Glendon Crites.....	Lyndon
Robert Lee Curry, A.B. (Ohio University).....	Somerset
David Theodore Cutright, B.S. (Capital University); M.S. (Marshall University) .....	Bainbridge
George Curtis Dailey (cum laude) .....	Youngstown
David Herbert Davisson, B.Sc. in Agr.....	Delaware
Harold Frank Doench, Jr.....	Kettering
Lewis John Doria.....	Youngstown
Thomas Edwin Downs.....	Fostoria
George Michael Drosos, B.A.....	Campbell
Charles Leon Durbin, B.S. (University of Dayton).....	Danville
Gilbert John Farrell.....	Painesville
John Ulrich Fauster III, A.B. (Hillsdale College).....	Defiance
William Michael Fitzgerald, B.Sc. (cum laude) .....	Columbus
Peter George Froehlich.....	Toledo
Robert Stanley Guminey.....	Cleveland
James Arthur Harrold.....	Avon Lake
Noel Peter Hayden, B.S. (University of Cincinnati).....	Cincinnati
Roger Murrell Higley, B.S. (University of Cincinnati).....	Cincinnati
Howard Ersel Holsberry, Jr., B.Sc. in Agr.....	Akron
Gerald George Huffman, B.Sc. (cum laude) .....	Ashtabula
Peter Francis Infante.....	Lima
Ivan Meldon Jaffe.....	University Heights
Luther Stephen Jerman.....	Columbus
Richard Harvey Keller.....	Columbus



Gary Alex Kizzen.....	Cleveland
Paul Harris Kleinstub, B.Sc.....	Cleveland Heights
Lawrence Edward Kunkle, Jr., B.S. (Ohio University).....	Columbus
Lewis Richard Kunzler, B.S. (Hillsdale College).....	Toledo
David William Lange, B.S. (University of Cincinnati) (cum laude)	Cincinnati
Kenneth William Laudenbach.....	Columbus
Howard Joseph Leininger, A.B. (Miami University).....	Euclid
Joseph Thomas Luttmner.....	Cincinnati
Jon David Luzny.....	Perrysburg
James Stephen Madigan, B.A.....	Wadsworth
Freeman Maltz, A.B. (University of Cincinnati).....	Cincinnati
Russell Ray Mann.....	Columbus
William Samuel Manos.....	Canton
Joseph Console Martone, B.A. (University of Virginia) (cum laude)	Norfolk, Va.
James Harold Maruschak.....	Youngstown
Stanley John Mason.....	Columbus
Charles David McCandlish, B.Sc. in Edu.....	Columbus
Leonard McHale.....	Dayton
Larry Byron McMillen.....	Defiance
John Richard Meagher, B.S. (Saint Lawrence University).....	Canton
Robert Roy Mellor.....	Uhrichsville
*Thomas Anthony Melvin, Jr.....	Columbus
Alan Byron Mikesell.....	Lima
Ronald Craig Mizer.....	Orrville
John James Murphy.....	Vandalia
Robert Keith Nelson.....	Toronto
Robert Blase Nemeth (cum laude) .....	Painesville
Mike John Niciforos.....	Campbell
John Harvey Patterson, B.S. in Edu. (Ohio University) (summa cum laude).....	Bainbridge
David Joseph Paumier, B.A. (Kent State University).....	Louisville
Jon Clark Pensyl, B.A.....	Washington C. H.
Jay Edward Phelps.....	Euclid
Mark Edward Phillips.....	Bryan
Gary George Pies, A.B. (University of Cincinnati).....	Cheviot
Ernest Joseph Pisanelli, B.A. (Kent State University).....	Columbus
Earl Dean Poffenberger, B.A.....	Cincinnati
James Kent Purdy, B.Sc.....	Urbana
Robert Louis Rassie, B.Sc. in Phar.....	Lakewood
Ronald Harold Reif, B.Sc.....	Cincinnati
John Earl Reuter (cum laude) .....	Columbus
Robert Allen Riley.....	Gahanna
Frank Michael Rivelle.....	Wellsville
Darryl Howard Rogers.....	Carrollton
Robert Wesley Ronk.....	Fredericktown
Eugene William Rosewater.....	Cleveland Heights
James Joseph Rubin.....	Bellefontaine
David George Rummel, B.Sc.....	Columbus
Robert Corwin Russom.....	Toledo
Allan Jay Sandel, B.S. in B.A. (Youngstown University).....	Youngstown
Edward Lee Sander.....	Pleasant Hill
John Dell Sauter.....	Akron
Frederick Oscar Schmidt.....	Canton

\* Two degrees

Jerry Dion Schommer.....	Dayton
Robert Augustus Scudder, Jr.....	Dayton
Don Edgar Secrest.....	Akron
Carroll Rudolph Shanks, A.B. (University of Cincinnati).....	Kenton
Gary Clyde Shreiner, A.B. (Miami University).....	Columbus
Jack Robert Silverman.....	Cleveland
Leon Sidney Silverman, B.S. (University of Toledo).....	Toledo
Eugene Samuel Simon.....	Girard
James David Smith, B.Sc.....	Lima
James Robert Smith.....	Dayton
Robert Porter Smith, B.I.E.....	Columbus
Charles McMillan Sommers (cum laude).....	Mt. Pleasant
Ronald Irwin Spritzer, A.B. (University of Cincinnati).....	Cincinnati
William Decker Squires (summa cum laude).....	Bellevue
William Henry Stallings, B.S. (John Carroll University).....	Akron
James Clyde Staup, Jr.....	Tipp City
Glenn William Stitsinger, Jr., B.Sc.....	Hamilton
Roger John Stocker.....	Columbus
James Andon Stoycheff, B.A. (Ohio Wesleyan University).....	Ostrander
Daniel Frank Toth, Jr., A.B. (Denison University).....	Chillicothe
Ronald Winston Trosper.....	Middletown
Michael Tunick.....	Cincinnati
Charles Tzagournis, B.Sc.....	Youngstown
David Ronald Ventker, B.Sc.....	Parma
Myron Simon Wayne, B.S. (University of Cincinnati).....	Cincinnati
Roger Dean Williams, B.Sc. in Edu.....	Marion
William Herbert Wood (cum laude).....	Youngstown
John Dennis Yavorsky, B.S. (John Carroll University).....	Youngstown

(One hundred and twenty-eight candidates)

#### Certificate of Graduate Dental Hygienist

Jean Bigham Alexander.....	Tiffin
Carol Scroggins Anderson.....	Cincinnati
Anita Kathleen Anthony.....	Sylvania
†Rita Lynn Asmus.....	Columbus
Marilyn Lucille Barnett.....	Dayton
†Donna Marie Beck.....	Chillicothe
Candace Lee Bergmann.....	Columbus
Sandra Rose Bergmann.....	Columbus
†Helga Ingrid Berthold.....	Cleveland
Janet Kay Billett.....	Warren
Julianne Mary Boston.....	Dayton
Karen Ann Brinkman.....	Bucyrus
Suzanne Ashley Brooks.....	Canton
Jane George Brown.....	Toledo
Janet Sue Brumbaugh.....	Covington
Roberta Jeanne Burkey.....	Columbus
Barbara Renneker Burns.....	Smithville
Patricia Jean Caccamo.....	Cuyahoga Falls
Gay Lynn Carlisle.....	Rocky River
Susan Marie Clingaman.....	Defiance
Linda Nell Cochran.....	Akron
Harriet Francine Coppersmith.....	Cleveland
Elizabeth Louise Covert.....	Portsmouth

† Degree and certificate

Stefani Jo Dine.....	Cincinnati
Helen Diane Dodge.....	West Liberty
Susan Jane Donald.....	Mansfield
Diane Lynne Fiecoat.....	Newark
†Valerie Janz Forster.....	Columbus
Diana Kay Foster.....	Coshocton
Joanne Leslie French.....	Cincinnati
Nancy Katherine Grainger.....	Lima
†Barbara Sue Gumm.....	Kettering
†Pamela Jeanne Hauck.....	Worthington
†Pamela Jane Henry.....	Kettering
Emily Jane Hook.....	Georgetown
Donna Marie Horton.....	Columbus
Marsha Lou Howard.....	Dayton
Cheryl Anne Irwin.....	Columbus
Patricia Lou Jacoby.....	Pittsburgh, Pa.
†Renee Jameson.....	Columbus
†Patricia Ann Kobilarcik.....	Wooster
Virginia Ann Kosec.....	Columbus
Cathie Ann Kramer.....	Ada
Linda Gale La Forsch.....	Dayton
†Mary Caroline Lowery.....	Columbus
†Michelle Anne Martin.....	Cleveland
Linda Joy Matusoff.....	Dayton
Janet Ann McCormick.....	New Concord
Virginia Sue McIntire.....	Columbus
Marilee Nichols Miesse.....	Gahanna
Kathleen Louise Mobley.....	Columbus
Karen Diane Moore.....	Zanesville
†Judy Carol Oxman.....	Mansfield
Barbara Jean Pfaadt, B.Sc. in Edu.....	Coshocton
Karen Lukasik Plant.....	Cleveland
Vicki Lee Pochedly.....	Hiram
Mary Suzanne Pope.....	Chardon
Adrienne Joy Price.....	Cleveland
Judith Ann Ramseyer.....	Smithville
Karen Louise Rossetti.....	Canton
Linda Kay Ryan.....	Lakeview
Billie Joy Schneider.....	Chesapeake
Patricia Elizabeth Shepherd.....	Milford
†Wilma Virginia Smallsreed.....	Newton Falls
†Maxene Jane Sneeringer.....	Mansfield
†Frenna Christian Sockman.....	New Cumberland, Pa.
Janice Kay Spring.....	Delaware
Kathryn Marie Stefani.....	Parma
Nancy Jane Taylor.....	Crestline
Melanie Ann Tharp.....	Columbus
Cheryl Lee Troy.....	Toledo
†Sally Diane Turner.....	Columbus
Sue Ann Weinland.....	Centerville
Susan Lynnette Wilkinson.....	Columbus
Cheryl Ann Witker.....	Lakeside
Susan Woodward.....	Warren
Connie Lee Zsambok.....	Medina

(Seventy-seven candidates)

† Degree and certificate

# College of Education

Dean: Donald P. Cottrell

## Bachelor of Science in Education

Judy Ann Yost Achey.....	Worthington
Joanne Beth Adelman.....	Canton
Shirley Ann Ahlers (summa cum laude).....	Englewood
Elsa Smith Allen, B.Sc. in Soc. Adm.....	Columbus
William Barkley Allen.....	Camden
Rebecca Ann Allerdine.....	Loudonville
James William Alley, Jr.....	Bethel
Louise Edwina Allin.....	Lakewood
Robert Allen Alvord.....	Middlefield
Marilyn Kay Amrine.....	Columbus
Shirley Louise Amspoker (cum laude).....	Cuyahoga Falls
Henry Briscoe Andrews.....	Berea
Robert Francis Ankney.....	Dover
Eileen Nancy April.....	Fairview Park
Patricia Louise Ark.....	Enon
Joanne Sabol Augenstein.....	Steubenville
Jan Kilgore Avery.....	Akron
Helene Lani Akemi Azama.....	Kaneohe, Hawaii
Karen Anderson Bagent.....	Newark
Frances Lou Baker (cum laude).....	Gallipolis
Thomas Eugene Bakes.....	Marysville
Ronald Louis Balazs.....	Toledo
James Jackson Barnette.....	Troy
Sharon Sloane Barnhardt.....	Marion
Benjamin Clair Barnhart.....	Canal Winchester
Sandra Lee Bartell.....	Cleveland
Thomas Lynn Bassett.....	Lima
James Willis Baughman.....	Carey
JoAnn Beall.....	Barberton
Yvonne Lee Bearss.....	Toledo
Lynnette Sue Behan.....	Swanton
William Frederick Beitzel.....	Dayton
*MarSue Benedict.....	Akron
Barbara Edwards Bentz.....	Cleveland
Norman Kent Berg.....	Dalton
Frances Bergman.....	University Heights
Teri Ann Berman.....	Columbus
Sandra McCoy Bernard.....	Newark
Gloria Queen Beverly.....	Frankfort
Sharon Ann Biddison.....	Dayton
Barbara Jean Bigler.....	Dover
Ruth Shonting Billhimer (cum laude).....	Columbus
Otto Jon Binau.....	Upper Sandusky
Marianne Birt.....	West Liberty
Cassandra Jeannine Black.....	Athens
Rochelle Hillary Blank.....	Shaker Heights
Judy King Blevins.....	Columbus
Catherine Eleanor Boes.....	Columbus
Bonnie Sue Bogan.....	Bucyrus

\* Two degrees

Andrea Lynn Bohnen.....	University Heights
William Michael Bokesch.....	Youngstown
Susan Friess Bolton.....	East Rockaway, N. Y.
Diane Virginia Borrer.....	Columbus
Mary Ann Boss.....	Dayton
Ronald Stephen Boster.....	Columbus
Jane Ellen Boyd.....	Mt. Vernon
Sharon Marie Brewer.....	Beaver Falls, Pa.
Sharon Kay Brooks.....	Hamilton
James Dale Brown.....	Martins Ferry
Shirley Marie Brown.....	Mt. Gilead
Theresa Ann Brown.....	Columbus
Carol Willis Browne.....	Columbus
Richard Taylor Bunner.....	Columbus
Linda Burk.....	Euclid
Nancy Ann Burrey.....	Sidney
Janet Mindlin Burstein.....	West Orange, N. J.
William Allen Burton.....	Columbus
Andrew Jackson Bush, Jr.....	Portsmouth
Betty Bush.....	Marion
Barbara Bauer Butler.....	Springfield, Va.
Bonnie Behrens Butterbaugh.....	Canal Winchester
*Clovis Ivan Butterworth.....	Columbus
Patricia Sue Cadwallader.....	Lorain
Kathleen Rose Callinan.....	Columbus
Judy Bell Campbell.....	Kenton
Bonnie Miller Candon.....	Euclid
Patricia Joan Canty.....	Columbus
Sharon Kalb Carter (summa cum laude).....	Columbus
Terrill Ann Casey.....	Cleveland Heights
Pamela Delaine Casto.....	Columbus
June Carol Channing.....	Fairview Park
Anna Lee Chapman.....	Columbus
Diana Louise Chapman.....	Cleveland
Martin Allen Chapman.....	Canton
Max K. Chapman.....	Mt. Gilead
Margey Cohen Cheses.....	Denver, Colo.
Mary Morrison Chesney (cum laude).....	Columbus
Niels Edward Christiansen, Jr.....	Cuyahoga Falls
Kelly James Christy.....	Middletown
Susan June Churley.....	Mentor
Susan Baron Coffae.....	Atlanta, Ga.
Robert Samuel Coffey.....	Columbus
Barbara Ann Cohagen.....	Columbus
Jacqueline Sue Cohen.....	Columbus
Vicki Sue Cohen.....	Riverdale, N. Y.
Tena Michelle Cole.....	Skokie, Ill.
Karen Gullett Collett.....	Reesville
Patricia Beale Collier (cum laude).....	Mt. Sterling
Evelyn Gail Collins (summa cum laude).....	Cleveland
Joyce Sue Collins.....	Lima
Carol Irene Collis.....	Middletown, N. J.
Betty Ruth Combs.....	Cambridge
Susan Ellen Confeld.....	University Heights
James Richard Conklin.....	Bellefontaine

\* Two degrees

Patricia Ann Conklin.....	Worthington
Susie Feyh Cooley.....	Columbus
Donald Lee Cope.....	Salem
Margaret Marvene Corder.....	Columbus
Sondra Jo Cornelius.....	Ottawa
John Wilson Crawford, B.F.A.....	Columbus
Jean Todd Creamer.....	Wilmington
Linda Darlene Crowe.....	Put-In-Bay
Jane Carolyn Cummons.....	Columbus
Catherine Cope Cupps, B.A.....	Barton
Sharon Ann Dankowski.....	Cleveland
Forrest Melville Danson.....	Kettering
Dorothy Margaret Davies.....	Columbus
Barbara Ann Davis.....	Columbus
Donna Lee Davis.....	Mt. Vernon, N. Y.
Harold Allen Davis (cum laude).....	Highland
Janet Louise Davis.....	Columbiana
Anetta Louise Dawson.....	Plymouth
Joan Lois Dayron.....	Mt. Vernon, N. Y.
Louise Joy DeLancey.....	Zanesville
Rita Marie Delph.....	Xenia
Patricia Jane Delzell.....	Omaha, Nebr.
William Allen Denig.....	Kent
Patricia Fister Denino.....	Columbus
Lila Egan Dennis.....	Johnstown
John Stuart Derbyshire (summa cum laude).....	Edon
Mary Belle DeVoe.....	South Solon
Judith Elaine Dickerson.....	Scio
Mary Melanie Dickie.....	Elyria
Patricia Ogsbury Doherty.....	Fairview Park
Margaret Mary Dolan.....	Maple Heights
Elizabeth Grace Donaldson.....	Lorain
Diedre Kay Douglas.....	Piqua
Terry Craig Downie.....	Torrance, Calif.
Sally Joan Drees.....	Covington
Harriette Lynn Dudley.....	Cambridge
Cheryl Jean Dukro.....	Lima
Jean Meyer DuMont.....	Columbus
Victor Edward Dunham.....	Canal Fulton
Eileen Susan Eaglstein.....	Kansas City, Mo.
Edwin Milton Eakins.....	Walhonding
Anita Ireland Ebbert.....	Mansfield
Jack Christopher Eisele.....	Kettering
Linda Newman Eisele (cum laude).....	Marysville
Edward Fred Eisenberg.....	Columbus
Paul Edward Eisenzimmer.....	Cuyahoga Falls
Shirley Eisnaugle Elford.....	Gallipolis
Susan Ruth Elson.....	Mt. Vernon
Deanna Evelyn Ely.....	Columbus
Suzan Frances Emerick.....	Columbus
Judy Sue Essex (cum laude).....	Ray
Mary Jane Eyster.....	Columbus
Dennis Michael Fagan.....	Cincinnati
Emelyn Rinker Fahrney.....	Lakewood
Carolyn Marie Fandrich.....	East Cleveland
Judith Elaine Fanning.....	Dayton

Beth Ann Farnsworth.....Whitehouse  
 Karen Feigenbaum.....Shaker Heights  
 Judith Marlene Fein.....Cleveland  
 Ronald Fred Fein, B.A.....Cleveland  
 Jane Dorie Feinstein.....Chicago, Ill.  
 Sydell Renee Feld.....Cleveland Heights  
 Kathryn Louise Felty.....Columbus  
 Geraldine Mackoul Ferris.....Columbus  
 David Mack Fife.....Wilmington  
 Janice McDonald Finger.....Columbus  
 Melvin Harvey Finke.....Columbus  
 Lynne Campbell Fischer.....Kansas City, Mo.  
 Carol Louise Fisher.....Columbus  
 Betty Gay Folger.....Steubenville  
 Holly Deanne Foraker.....Doylestown  
 Thomas James Foster.....Columbus  
 Linda Lee Fouch.....Columbus  
 Paulette Evonne Fraley.....Lewisburg  
 Penny Carol Freed.....Euclid  
 Stephen David Freedman.....Columbus  
 Suzanne Deborah Freedman.....Akron  
 Gloria Jeanne Freeman.....Wintersville  
 Barbara Leslie Friedman.....Shaker Heights  
 Nancy Elizabeth Fritsche.....Columbus  
 Keith Kermit Furlong.....Arcanum  
 Donald Frederick Gales.....Columbus  
 Joan Marguerite Gardner.....Columbus  
 Marilyn Ricki Garon.....Louisville, Ky.  
 Anna Georgelis.....Martins Ferry  
 Carolyn Maud Giboney.....Williamsville, N. Y.  
 Beverly Ann Gibson.....New Carlisle  
 John Lutrelle Gibson, B.S. (Xavier University).....Columbus  
 Gregory Carl Gifford.....Columbus  
 Mabel Anna Gilbert.....Columbus  
 Judith Fulgham Gillespie.....Willowick  
 Carolyn Gardner Glenn.....Powell  
 William Thomas Goble.....Columbus  
 Terri Ann Goldberg.....Indianapolis, Ind.  
 Paula Sue Goldman.....New Brunswick, N. J.  
 Judith Klein Gotkis, B.A. (Connecticut College).....Columbus  
 Danny Paul Gouker.....Tiffin  
 Janet Eileen Gray.....Columbus  
 Rebecca Whittington Gray.....Columbus  
 Barbara Jane Green.....Wooster  
 Charlene Ann Green.....Columbus  
 Barbara Ann Greenfield.....South Euclid  
 Ann Louise Griffiths.....Hamilton  
 Richard Nevin Grogg.....Bucyrus  
 Rozella Marie Grubbs.....Harrison  
 George Waldo Guins.....Olmsted Falls  
 Beverly Brandon Gunyou.....New York, N. Y.  
 Barbara Rose Gurcsik.....Oregon  
 Esther Gutter.....Columbus  
 Irvin Mark Haas, B.A.....Columbus  
 Frank Edward Habeker.....Columbus  
 Barbara Hacker.....Chicago, Ill.

Aldon Irvin Haines.....	New Burlington
Nancy Joseph Hall.....	Cleveland
Lynore Weiss Hamilton.....	Dayton
Mary Judith Hamilton.....	Miamisburg
Pamela June Hamilton.....	Mt. Vernon
Carol Marie Hammon.....	Danville, Calif.
Carol Huff Hankeison.....	Shawnee Hills
Gretchen Claire Hanna.....	Napoleon
Marjorie Ann Harrison.....	Mt. Sterling
Roy John Hawthorne.....	Cleveland
Norma Jean Hayes.....	Columbus
Louis Earl Haynes.....	Springfield
Patricia Jean Haytas (cum laude).....	Cleveland
Diana Dee Headlee.....	Columbus
Margie Fraley Headlee.....	Columbus
Diane Faye Heck.....	Columbus
Karalyn Lue Heimlich.....	Marysville
Clare Susan Heller.....	Pittsburgh, Pa.
Ruben Henderson III.....	Columbus
Mary Jo Enderle Hendricks.....	Columbus
Donald Richard Henne.....	Columbus
Larry Reuben Henschen.....	New Bremen
* Donald Jay Hessler.....	Columbus
Jacqueline Kay Hill.....	Cambridge
Theodora Mooney Hilliard.....	Columbus
Carol Lynn Hines.....	Woodsfield
Janice Miriam Hite.....	Findlay
Melinda Ann Hobson.....	Wilmington
Karen Iris Hodor.....	Coral Gables, Fla.
Charlotte Betty-Jo Hoeb.....	Terrace Park
Thomas Gilbert Hoffman.....	Rocky River
Janet Hanna Hoffmaster.....	Columbus
Lawrence James Hohler.....	Norwalk
Merle Francis Hohman.....	New Riegel
Susan Jane Holdaway.....	St. Albans, W. Va.
Constance Wilcoxson Hollender.....	Springfield
Marcia Luella Honsberger (cum laude).....	Sycamore
Karen Sue Hoover.....	Newark
Mary Ann Russell Hopkins.....	Lexington
Ihor Horodysky.....	Parma
Doris Jean Hostelley.....	Rocky River
Vicki Lee Houser.....	Columbus
Robin Craig Howard.....	Delaware
Jane Ann Hufford.....	Bellefontaine
Geraldine Kay Hunter.....	Akron
Karen Borrer Huntzinger.....	Wilmington
Margaret Elizabeth Hussey.....	Mt. Pleasant
Jerry Lee Icenhower.....	Alexandria
Cheryl Ann Iden.....	Newark
* Isobel Jean Inglis.....	Columbus
Ellen Louise Jackson.....	Minerva
Sandra Mary Jackson.....	Fairborn
Jerry Myron Jacobson, B.A.....	Cleveland
Susan Jane Jaeger.....	Columbus
Judith Anne Jaffee.....	Toledo

\* Two degrees



Edmund Gale James, Jr., B.A.....	Caldwell
Patricia Ann Jarosi.....	Toledo
Michael Ernest Jenks (cum laude).....	Jeffersonville
Timothy Earl Johns.....	Cincinnati
John Sherman Johnson.....	Columbus
William Frederick Johnson.....	Clearfield, Pa.
William Joseph Johnson (summa cum laude).....	Garfield Heights
Carol Lee Jones.....	Columbus
Sharon Elizabeth Jones.....	Euclid
* Barbara Lynne Joseph.....	Dayton
Michael Lee Kabler.....	Ripley
Douglas Nelson Kantner.....	Wapakoneta
Mary Katherine Karrer.....	Dublin
Ruth Marie Stick Kassner.....	Columbus
Janet Schwartz Kastner.....	Akron
Eileen Renee Katz.....	Cleveland Heights
Shirley Ann Kaufman.....	Cleveland
Ronald David Keener.....	New Lebanon
Mark Jay Keller.....	Prospect
Penelope Gwendolyn Keller.....	Canton
Barbara Hubbard Kelley.....	Bremen
Karen Ann Kelly.....	Columbus
Ellen Richard Kempf.....	Lockbourne
Marion Lee Kennedy.....	East Canton
Sandra Kay Kenner.....	Dayton
Diane Rose Kensicki (cum laude).....	Cleveland
Ellen Jeanette Kernychny.....	Cleveland
Esther Elizabeth Kiehl.....	Harrisburg
Gilbert Snowden King.....	Bryan
Karen Marie King.....	Fairborn
Susan Rader Kinn.....	McComb
Karen Jane Kirts.....	Marion
William Oliver Kjerrumgaard.....	New Haven, Mich.
Ralph Willard Kleinline, B.A.....	Columbus
Michelle Joy Kline.....	University Heights
Lowell Eugene Klinefelter.....	Marion
Suzann Marie Knapp.....	Columbus
Linda Anne Knoff.....	Newton, Mass.
Lawrence Francis Koebel.....	Westerville
Kenneth Harold Koenig, B.S. (Kent State University).....	Wickliffe
Karen Leslie Krebs.....	Newark
Kenneth Harry Kriegmont.....	Olmsted Falls
Sharon Marie Kucich.....	Eastlake
Amelia Ruth Kunkler (cum laude).....	Columbus
Joyce Kranitz Label.....	Youngstown
Susan Jean Lackey.....	Youngstown
Nancy Herrick Laine.....	Chillicothe
Carol Ann Lanese.....	Euclid
Gloria Myers Larson.....	Canton
John Robert Latham, B.Sc. in Bus. Adm.....	Columbus
Rosilyn Ann Latham.....	Mt. Vernon
Roberta Jayne Laundrie.....	Akron
Charles Arthur Layne.....	Jackson
Linda Sue Lee.....	Lima
Richard Douglas Lee.....	Grafton

\* Two degrees

David Anthony Leech.....	Columbus
Marjorie M. Leeds.....	Cedarhurst, N. Y.
Sheila Pearl Lefkowitz.....	South Euclid
Pamela Pitkin Leininger.....	Mt. Vernon
Cheryl Renee Lester.....	Shaker Heights
Harriet Elaine Levy.....	Dayton
Linda Kay Lewis.....	Shaker Heights
Rockford Lewis, Jr.....	Bethel
Sandra Thomas Lewis (cum laude).....	Cleveland
John Charles Ley.....	Middle Point
Sharon Ann Lieberman.....	Columbus
Nancy Marie Lingo.....	Columbus
Carol Anne Lippard.....	Pittsburgh, Pa.
Marjorie Elsa Liss.....	South Bend, Ind.
Vicki Nutter Lloyd.....	Columbus
Roxey Ann Lombard.....	Mansfield
Carmen Patricia Long.....	Newark
John Arthur Long.....	Findlay
Lois Ann Luchans.....	Lyndhurst
John Raymond Luther.....	Springville, N. Y.
Howard Camillo Lymor.....	Warren
Janet Carolyn Lyon.....	East Meadow, N. Y.
Norman Thomas Lyon.....	Caledonia
Patricia Ann Macklin.....	Columbus
Patricia Alice Magers.....	Columbus
Alice Norris Main.....	Fairport Harbor
Yale Lee Mandel.....	Cleveland
Sandra Jo Mandell.....	Lyndhurst
Lynn Dale Mann.....	Columbus
Regina Robertson Marco.....	Columbus
Helen Elaine Marcum.....	Fairview Park
Cheryl Bette Margolis.....	South Euclid
Donna Gail Marks.....	Canton
Roselyn Sue Marks.....	Shaker Heights
Janet Louise Martin (cum laude).....	Geneva
Macy Margaret Martt.....	Amsterdam
Jefferson Harvey Massey.....	Chandlersville
Marilyn Elizabeth Mathews.....	Hubbard
Ruth Heidi Matt (cum laude).....	Cleveland Heights
Mary Alma Mayer.....	Marysville
Robert Emerson Mayfield, Jr.....	Crestline
Gilbert Milton Mayhugh.....	Logan
Marcia Ann McCalla.....	Terrace Park
Sharon Anne McCarty.....	Columbus
James Earl McCord.....	Ashville
Maureen Alice McCord.....	Worthington
Patricia Kathleen McCoy.....	Columbus
Paul Kerry McDowell.....	Columbus
Joan Root McElheny.....	Hilliard
Sandra McGregor.....	Springfield
Barbara Ann McGuire.....	Marion
Philip Ray McGuire.....	Harpster
George Franklin McKnight.....	Columbus
Stephen Douglas McLaughlin, B.A.....	Columbus
Thomas Michael McNutt.....	Toledo
Marilyn Gayle Mechanic.....	Shaker Heights

Linda Jean Mecsko.....Westlake  
 Lucile Pat Meinhardt, B.A. (Rice University).....Lancaster  
 Richard Carmen Melfi.....Columbus  
 Darlene Ann Melsop.....Worthington  
 Gertha Menefee.....Cleveland  
 James Harman Merrell.....Louisville, Ky.  
 Marialice Decker Messerly.....Steubenville  
 Gail Miller.....Cleveland Heights  
 Lynne Miller.....Rochester, N. Y.  
 Marilyn Ruth Miller.....Youngstown  
 Mary Kathryn Miller.....St. Louis, Mo.  
 Patricia Ann Miller.....Columbus  
 Judith Ann Mitchell.....Marion  
 Donald William Moffat.....Columbus  
 Sharon Elaine Molen.....New Carlisle  
 Elizabeth Freshwater Moltenberry, A.B. (Miami University)....Columbus  
 James Claremont Moore.....Paris  
 Charne Bell Morehart, B.A.....Columbus  
 Linda Lee Morehead.....Toledo  
 Carol Irene Morganski.....Whitehall  
 Jean Ann Morris.....Parkersburg, W. Va.  
 John Harrison Morris.....Martins Ferry  
 Marianne Orr Morrison.....Columbus  
 Judy Amanda Morrow.....Fairborn  
 Mary Jo Hagler Morrow.....Xenia  
 Ronald Louis Morvai.....Mansfield  
 Jacquelyn Lee Moses.....Cuyahoga Falls  
 George Stephan Mozy.....Cleveland  
 Nancy Louise Mravec.....Canton  
 Rebecca Ellen Muff.....Eaton  
 William Oakley Mulbarger.....Columbus  
 Patricia Ann Mundew.....McConnellsville  
 Lynne Walker Murray.....Columbus  
 Dorothea Lohmann Naylor.....Trenton, N. J.  
 Suzanne Marie Nemeth.....Canton  
 Susan Gail Neros.....Willoughby  
 Don Leslie Neumann.....Tiro  
 Jerry Lee Newell.....Marion  
 Bonny Neff Newman.....Lancaster  
 Marcia Lee Newton.....Muncie, Ind.  
 Norma Williams Nickoloff.....Columbus  
 Susan Marie Nicodemus.....Baltimore  
 Lotus Carole Ning.....Dayton  
 Michael James Norrocky.....Vickery  
 Bruce Edward Nowicki.....Dayton  
 David Neff Nungesser.....Washington C. H.  
 Nancy Jane Oborn.....Marion  
 Roberta Susan Olt.....Indianapolis, Ind.  
 Cheryl Beth Orr (cum laude).....Ashtabula  
 Richard Eugene Oswalt.....Crestline  
 Judith Mary Otto.....Olmsted Falls  
 Frank Thomas Parks.....Petersburg  
 Geneva Joy Parsley.....Columbus  
 Marilyn Meryl Parsons.....Toledo  
 Diane Louise Patterson.....Dayton  
 Pamela Lane Patton.....Columbus

Marsha Lynn Paulus.....	Port Clinton
Nancy Anne Paulus.....	Columbus
William Arthur Pauly.....	St. Paris
Gloria Jean Paxton.....	Lexington
Sandra Pearl.....	South Euclid
Martha Cox Peck.....	Columbus
Alan Edward Perris.....	Shaker Heights
Beverly Reid Pettit.....	Circleville
Stephen Christopher Piper.....	Pleasant Hill
David Plata, B.Sc. in Bus.Adm.....	Brooksville, Fla.
David Malcolm Polk.....	Blacklick
Lawrence Joseph Polkovitch.....	Hubbard
Linda Sue Poppy.....	Columbus
Lembi Poska.....	Columbus
Gracey Dee Potter.....	Port Arthur, Tex.
Billye Kay Prather.....	Miamisburg
Norma Jean Prather.....	Johnstown
Mary Alice Prendergast.....	Euclid
Beverly Sue Price.....	Lakeville
Charles Leon Price.....	Middletown
Karen Anne Pumo.....	Maple Heights
Janet Weber Quaintance.....	Springfield
John Thomas Quinn.....	Columbus
Keith Lynn Raitz (cum laude).....	Toledo
Constance Ann Rau.....	Columbus
Jane Ellen Raynes.....	Washington C. H.
Geraldine Dorothea Rebecca.....	Trenton, N. J.
*Kerry Jackson Reed.....	Princeton, W. Va.
Carolynn Jane Reiber.....	Covington
Sandra Morgan Reiser.....	Portsmouth
Barbara Jo Reitman.....	Shaker Heights
Kathleen Marie Renker.....	Lorain
Mario Paul Renzelli.....	Steubenville
Sandra Jean Rex.....	Lakewood
James Edward Rhodes, Jr.....	Columbiana
Judith Ann Rice (summa cum laude).....	Cambridge
Robert Charles Rice.....	Canton
Jill Ann Richey.....	New Philadelphia
Ronnie Edwin Ricketts.....	Junction City
Alexandra Nina Rimash.....	Scarsdale, N. Y.
Linda Lou Rine.....	North Canton
Georgeanne Faris Roane.....	Quantico, Va.
Jane Boughner Roberts.....	McKeesport, Pa.
Karen Cecile Roberts.....	Toledo
Paul Douglas Roberts.....	Findlay
James Dale Robinson.....	Toledo
Susan Pence Rohlf.....	Dublin
Darlene Linda Rose.....	Dayton
Kaaren Dale Rosen.....	University Heights
Carole Lois Rosenberg.....	Shaker Heights
Cresence Wies Roshaven.....	Columbus
Karen Sue Ross.....	Columbus Grove
Dorothy Georgia Roth.....	Coral Gables, Fla.
Joan Leslie Roth.....	Shaker Heights
Sharon Ann Roush.....	Marion

\* Two degrees

Robert Eugene Rowland.....Jeromesville  
 Sandra Ruth Rubinstein.....Cleveland  
 Carol Ann Rush.....Columbus  
 James Howard Russell.....Hanoverton  
 Bonnie Forgeron Ryan (cum laude).....Columbus  
 David Louis Samuel.....Columbus  
 Ardith Garrett Sands, B.F.A.....Columbus  
 Larry Paul Sandy.....Euclid  
 Beverly Joan Sankey.....Cleveland  
 Sharon Augenstein Sauer.....Grove City  
 Susan Rae Savage.....Columbus  
 Ruth Ellen Schade.....Warren  
 William Allen Scheaf, A.B. (Middlebury College, Vermont).....Columbus  
 Jo Ellen Schlott.....Barberton  
 Marianne Beck Schmidt.....Parma  
 Constance Alvina Schreiner.....Sandusky  
 Keith Richard Schrock.....Smithville  
 \*Ruediger Siegfried Schroeer.....Enon  
 Sherry Lee Schuman.....Dayton  
 Annette Marie Seaver.....Kent  
 Cathryn Ann Sech.....Columbus  
 Marilyn Sandra Seiger.....Pittsburgh, Pa.  
 Richard Ralph Sevits.....Lorain  
 Joan Marie Shaff.....Euclid  
 Linda Kaye Shafor.....Dayton  
 Susan Gaye Sherman.....Youngstown  
 Michele Lando Shkolnik.....Columbus  
 Lynne Alyce Shreiner.....Columbus  
 Sharon Katherine Shriver.....Big Prairie  
 Linda Jean Shultz.....Mt. Vernon  
 Rhoda Shumofsky.....Mt. Vernon, N. Y.  
 Rosalyn Jean Siegel.....Columbus  
 Sandra Lee Silber.....Oak Park, Mich.  
 Laurel Ellen Sillins.....Columbus  
 Sally Jo Reitzes Silverman.....Cincinnati  
 Barbara Ann Sime.....Fairborn  
 Jane Ann Simmons.....Perrysburg  
 Kathleen Nancy Simon.....Maple Heights  
 Michele Jean Simon.....Cleveland  
 Marilyn Kay Simpson.....Chagrin Falls  
 Linda Carol Sims.....Atlanta, Ga.  
 Doris Schmotzer Skaza.....Cleveland  
 George Smeller.....Barberton  
 Cinda Sue Smith.....New Philadelphia  
 Kathy Worthington Smith.....Powell  
 Lynne Ranck Smith.....Marion  
 Phyllis Marcia Smith.....Atlanta, Ga.  
 Sharon Elizabeth Smith.....Granville  
 Mathews Snell.....Locust Valley, N.Y.  
 \*Florence Elizabeth Snyder.....Columbus  
 Hope Lynn Snyder.....Marion  
 Joyce Rose Snyder.....Columbus  
 Larry Russel Snyder.....Wooster  
 Pamela Rae Snyder.....Canton

\* Two degrees

Donna Koppelman Solove.....	Cleveland Heights
John Wayne Sonedecker.....	New Springfield
Catherine Fleek Spalding.....	Dover
Donna Schumann Sperber.....	University Heights
Dorothy Kathleen Sperling.....	Toledo
Jo Ann Spiegel.....	Miami, Fla.
Susan Arlene Spurgeon.....	Maumee
Susan Cooke Spurgeon.....	Defiance
Gary Alan Staggs.....	Summit Station
Eugenia Gayle Stahl.....	Butler
Richard Edward Stasenko.....	Cleveland
Linda Blaine Stavis.....	Shaker Heights
Bonnie Elizabeth Steel.....	Cincinnati
Bunny Carole Steiger.....	Fremont
John Stuart Steinhauer, B.A.....	Cuyahoga Falls
Sara Muir Stephens.....	Alexandria
Patricia Jean Stevens.....	Archbold
Howard Newell Stevenson, Jr.....	Circleville
Norman Edward Stosberg.....	Columbus
Marvin Merlin Stotz (cum laude).....	Monroeville
Linda Kay Stout.....	Toledo
Sharon Lee Strapp.....	Columbus
Frederick Lee Strickler.....	Columbus
Sue Ann Struble.....	Findlay
Patricia Welling Stuckert.....	Bucyrus
Sharon Eileen Stultz (cum laude).....	Urbana
Brenda Marilyn Sugarman.....	Atlanta, Ga.
Kathryn Sue Suydam.....	Napoleon
Terry Van Swearingen.....	Alliance
Alice Verity Sweeley.....	Grove City
Mary Ellen Swisshelm.....	Sabina
Mary Zorn Sykora.....	Valley City
Emeric Thomas Szappanos.....	Cleveland
Michael Edward Tann.....	Columbus
*Jane Wolkin Tapper.....	Hamilton
Ruth Tarcov.....	Columbus
Jacqueline Nancy Taylor.....	Columbus
Patricia Arlene Taylor.....	Worthington
Charles Richard Temple.....	Waldo
Lynn Terjesen.....	Akron
Sally Ann Teufel.....	Rocky River
Patricia Ella Tharp (cum laude).....	Columbus
*Andrea Marie Theibert.....	Columbus
Gary Eugene Thompson (cum laude).....	Bellefontaine
Mary Beth Thompson (summa cum laude).....	Columbus
Rebecca Belle Thompson.....	Roseville
*Jerrie Lynn Thornell.....	Portage, Mich.
John Harold Thrush.....	Worthington
Margo Beth Timan.....	Tucson, Ariz.
James Allan Titus, B.S. in Bus.Ad. (Bowling Green State University)	Cincinnati
Richard Dale Todd.....	Columbus
Aniko Elizabeth Trombitas (cum laude).....	Cleveland
Thomas William Troxell.....	Dayton

\* Two degrees

Jacqueline Dorf Tunick, B.A.....	Miami Beach, Fla.
Richard Michael Tuttle.....	Prospect
Wilbur Edward Ulrich, B.Sc. in Bus.Adm.....	Ridgeway
Judy Pierson Ulrikson.....	Reynoldsburg
Connie Jane Uncapher.....	Marion
Rosina Ann Vacchiano.....	Dayton
Susan Jane Valare.....	Toledo
Larry Eugene Vanasdale.....	Plymouth
Dorothy Ruth Van Zee.....	Toledo
Patricia Anne Wagner.....	Washington C. H.
Susan Elizabeth Wagner.....	Columbus
Edward John Walsh.....	Cleveland
Patricia Lee Warren.....	University Heights
*Judith Elizabeth Warshaw.....	Kingston, N. Y.
Elizabeth Watkins.....	Dayton
John Leslie Watkins.....	LaRue
Sally Spears Weaver.....	Dayton
Lorraine Kaye Weber (cum laude).....	Columbus
Terrence Michael Weddle.....	Spencerville
Paul Joseph Weidner.....	Kettering
Don Robert Weimer.....	Columbus
Mark Herbert Weinstein.....	Dayton
Diane Ellen Wells.....	Barberton
Carolyn Sue Welsh.....	Toledo
Judith Dale Wendling.....	Dover
Janet Broughton Wenk.....	Akron
Catherine Alene Wharton.....	Coshocton
Patricia Louise Whetsel.....	Cincinnati
Charles Allen Whetstone.....	Columbus
Suellen Whitacre.....	Blanchester
Kathleen Modica White.....	South Euclid
*Marilyn Elizabeth White (cum laude).....	Poland
Sue Ann White.....	Columbus
Frances Ann Whitehead.....	Columbus
Mary Mayer Whitney.....	Lima
Thomas George Whitney.....	Lima
Billie Girdner Wilchek.....	Mansfield
Gloria Scott Williams.....	Columbus
James David Williams.....	Galion
Jane Ann Williams.....	New Concord
Joan Elaine Wilson.....	Lodi
Kathlyn Grace Wilson.....	East Liverpool
Ronald Sheridan Wilson.....	Marion
Judy Ann Wince.....	Utica
Elaine Eve Winkle.....	Sardinia
Muriel Goldberg Wolland.....	Brooklyn, N. Y.
Paul Phillip Wolstenholme.....	West Mansfield
Cheryl Ann Wren.....	Worthington
James Arnold Wright.....	Corning
Jennifer Wynn.....	Miami, Fla.
Brenda Louise Yager.....	Frankfort
Carla Olson York.....	Southington
Janet Sue Young.....	Columbus

(Six hundred and fifty-three candidates)

\* Two degrees

### Bachelor of Fine Arts

David Franklin Armstrong.....	Bucyrus
Larry David Barricklow.....	Columbus
John Curtis Cleland.....	Columbus
Mary Catherine Dawson.....	Lakewood
Lana Karen Fogt.....	Bellefontaine
Edward Hugh Fredendall.....	Columbus
Michael Erwin Frueh.....	Lima
Saundra Avery Koby.....	Columbus
Barbara E. Lipofsky.....	Barrington, Ill.
Mary Agnes Lisy.....	Middletown
Lynn Marie Lowery.....	Columbus
Linda Lou Lynch.....	Columbus
Douglas Bruce MacKenzie.....	North Olmsted
Harold Austin McIntosh.....	Columbus
James Michael McIntyre.....	Stow
Bruce Lee Papier.....	Columbus
Trina Ann Paulus (summa cum laude).....	Cleveland
Sergey Gary Podwalny.....	Oberlin
Joel Constance Prendergast.....	Columbus
Thomas Alan Reich.....	Columbus
Marilyn Jane Renick.....	Columbus
Sandra Ruth Shorr.....	Dayton
Gary George Sievert.....	Mt. Vernon
Anne Louise Simmons.....	Delaware
George Edwin Turner.....	Dayton
*Todd Carter Warmington.....	Akron
Kathy Lu Williams.....	Gahanna
Carol Elaine Wilson.....	Cleveland Heights
Dixie Henning Worcester (cum laude).....	Stow

(Twenty-nine candidates)

### Bachelor of Music

Laura Jane Clayton.....	Morehead, Ky.
Carole Virginia Knapp (summa cum laude).....	Columbus
Elizabeth Ann McCann.....	Lakewood
Eugene Allen Phillips.....	Dayton
Linda Gail Rubin.....	Shaker Heights
William Barney Stacy.....	Columbus

(Six candidates)

\* Two degrees



# College of Engineering

Dean: Harold A. Bolz

## Bachelor of Aeronautical and Astronautical Engineering

Charles Edward Adams, Jr.	Zanesville
Charles Anthony Alpar	Cleveland
James Ward Baker	Ashtabula
Welden Sommer Benedict	Columbus
Anthony Adrian Boiarski	Cadiz
Francis Lee Brown	Rushville
Clarence Morton Campbell	Vandergrift, Pa.
William Willis Clever II	Fredericktown
Robert Allen Cobler	Columbus
Roger Coy Crites	Niles
Karl Rupert Eckhardt	Ashtabula
*James Rood Eisenmann (summa cum laude)	Garrettsville
Larry Lee Ernst	Beckley, W. Va.
Robert Anthony Golobic	Euclid
Eleanor Beatrice Hall	Hebron
Richard Alan Hopkins	Galion
Bahram Khamnei-Motlagh	Tehran, Iran
Russell Laurence Kirkbride	Nashport
Charles Herbert Law	Alexandria
*Paul Frederick Lyons II	Canton
Kenneth John Naumann	Columbus
James Ewers Orkins	Tioga, Pa.
Leroy Richard Paolini	Columbus
Harold Nelson Post (cum laude)	Hillsboro
William Francis Quinn	Columbus
Donald William Ross, Jr.	Columbus
Charles Henry Schmid	Cleveland
George Ludwig Seibert	Youngsville, N. Y.
David Joseph Sharkey	St. Clairsville
Richard Michael Smith	Bellefontaine
Myron Sheldon Taich	Lorain
Ronald Russell Teeter	Girard
Bernardino Anthony Testa	Flushing, N. Y.
Robert Otto Werka	North Olmsted
Orest Zubal	Lorain

(Thirty-five candidates)

## Bachelor of Ceramic Engineering

David Earl Achey	Columbus
James Michael Best	Uhrichsville
Larry Neal Biller	Attica
Charles Rudolph Clayton	Columbus
Arthur Glenn Como	Youngstown
Don Raymond Graber	Leavittsburg
Jonathan Wayne Hinton	Canton
Larry Garen McCoy (cum laude)	Fletcher
Allan Lee McFadden	Canton
James Edward Saltsman	Columbus

\* Two degrees

Leonard John Schoeppner.....Canton  
 Robert Baird Sneed.....Birmingham, Mich.  
 Gary Allen Stumbaugh (summa cum laude).....Loudonville  
 Philip Raymond Woodruff.....Tiffin

(Fourteen candidates)

#### Bachelor of Chemical Engineering

James Gilbert Arnold.....Columbus  
 Jerome Edward Balkenhol.....Gahanna  
 Henry Carter Castilow.....New Martinsville, W. Va.  
 William Franklin Deerhake.....Findlay  
 Thomas Edward Fitz.....Cuyahoga Falls  
 Richard Huber Furlow.....Fulton, N. Y.  
 Jeffrey Earl Haas.....Canton  
 Edward Forest Jefferis III.....Columbus  
 Michael George Konicek.....Parma  
 William Grover Lowrie.....Painesville  
 Glenn Louis McKee (summa cum laude).....Frazeyburg  
 John William Mitchell.....Point Pleasant, W. Va.  
 Donald John Modell.....Cleveland  
 Jerry Ray Morton.....Dayton  
 Gary Wilson Moye (summa cum laude).....Fairborn  
 David William Walter.....Cleveland  
 Hugh James Zeller.....Gnadenhutten

(Seventeen candidates)

#### Bachelor of Civil Engineering

Edward Francis Armstrong.....Columbus  
 Bruce Macklem Bair.....Canton  
 William Frank Beuth.....Adena  
 Bruce Blake Bollinger.....Delaware  
 Ralph William Cohagan, Jr.....Columbus  
 Stanley Frederick Condiotti.....New York, N. Y.  
 Charles Herrmann Dettwiller.....Portsmouth  
 John Fay Elliott.....Freetown, Sierra Leone, West Africa  
 Norman Jay Feuer.....Brooklyn, N. Y.  
 Duane Henry Fink, B.A.....Cincinnati  
 John Dennis Flechtner.....Tiffin  
 Everett Boyd Ford, Jr.....Columbus  
 David Lee Hering.....Parma  
 John Edward Imbus.....Milford  
 Richard Wayne Lautensleger.....Baltic  
 Roy Clyde Loutzenheiser.....Arlington, Va.  
 Mikkel Gordon Mandt.....Columbus  
 Richard Stephen Pyson.....Sandusky  
 Ralph William Rapp, Jr.....New Philadelphia  
 David Lokker Wilson.....Bay Village  
 John David Wysong.....Dayton  
 James Truman Young.....Cincinnati

(Twenty-two candidates)

## Bachelor of Electrical Engineering

Joseph Warren Baleh (summa cum laude)	Point Pleasant, W. Va.
Michael Francis Barlage	Waverly
Stephen Francis Bean	Findlay
Kenneth Robert Borisch	Cincinnati
Larry Ray Butts	Englewood
William Michael DeGroff	Marion
Patrick B. Drake	Lancaster
Stephen Renee DuMont	Medway
John Deaver Evans	Reynoldsburg
Richard Donald Faber	Forest Hills, N. Y.
James William Farrington	Parma
Terrance Lee Flaig	Cincinnati
Frederick Harold Friberg, Jr.	Union, N. J.
John David Garvic	Springfield
Gary Stephen Geyer	Marion
Robert Vincent Goodman	Milford
Frank Joseph Gordish	Willowick
Charles Daniel Grucella	Akron
Charles Paul Haught	Columbus
Leland George Heffner	Canton
Floyd Roger Hess, Jr.	Mt. Vernon
Robert Bruce Hoskinson	Lakewood
David Atwell James	Marion
Richard Eugene James	Chillicothe
Paul Eugene Kauffman	Fredericktown
Donald Berlin Kennedy	Wapakoneta
Cyrus Khamnei-Motlagh	Tehran, Iran
Harold Clifford Koch	Rocky River
Mark Barrett Kuhner (summa cum laude)	Columbus
Ronald Raymond Lentz (summa cum laude)	Columbus
Charles Grover Litsinger, A.B. (West Virginia University)	Charleston, W. Va.
William Robert Lowther	Columbus
Stephen Robert Montgomery	Dayton
Neil Eugene Morris	Lancaster
Leslie John Palkuti, Jr. (cum laude)	Columbus
George Arthur Richards (cum laude)	Granville
Michael Anthony Ryder	Massillon
Karl Richard Shaffer	Columbus
Gary Roy Shippy	Chagrin Falls
Thomas Luther Thomas (summa cum laude)	Findlay
Norman Andrew Toto	Adena
Jack Raymond Townsend	Akron
Terrence Roger Ulm (summa cum laude)	North Canton
Daniel Clay Upp	Marion
Otis Vestfals	Columbiana
Donald Frederick Weiland	Avon Lake
John Thomas Whalen	Youngstown
Thomas Eugene White	Akron
Robert Dale Willson	Columbus
Philip Allan Wing	Circleville
Raymond Edward Wright	Forest
John Allen Yeichner	Galion
David John Yost	Adena

(Fifty-three candidates)

## Bachelor of Industrial Engineering

Larry Dennis Altshuler.....	Cleveland Heights
Dennis Earl Bates.....	Lancaster
Carl Edward Bauer.....	Cincinnati
Paul Leo Clifton Bayless (summa cum laude).....	West Mansfield
Vitauts Beldavs.....	Cleveland
Boyd Fletcher Bilger, B.Sc. in Bus. Adm.....	LaGrange Park, Ill.
Jerry Lamb Carney.....	Xenia
Paul Jerry Coder.....	Mansfield
Theodore Julius Day.....	Cleveland
Woodrow Steven Demmy (summa cum laude).....	Springfield
Jay Vinton Foster.....	Chillicothe
Martin Joseph Hagl.....	Middletown
James Anthony Kalina.....	Cleveland
David Lloyd Kandel.....	Findlay
Duane Carl Knauer.....	Sandusky
Edward Donald Knerr.....	Dayton
Franklin Joe McDowell.....	Eaton
Wendell Corley Miller.....	Parkersburg, W. Va.
Arthur Edward Nauman, Jr.....	Canton
Robert Charles Nelson.....	Greenville
Michael Keith O'Toole.....	Fairborn
Thomas Merle Phillips.....	Dublin
Peter Adolf Schanz.....	Parma
William Thomas Snowball.....	Cincinnati
Kenneth Charles Spiegel.....	Bucyrus
Güner Hasan Tokcan.....	Denizli, Turkey
Lewis Fredrick Traxler.....	Bucyrus
James Allen Wolfe.....	Worthington

(Twenty-eight candidates)

## Bachelor of Mechanical Engineering

Patrick Ryan Badgley.....	Grove City
Dwight Allen Blaser (summa cum laude).....	Bucyrus
George Michael Bower.....	Columbus
James Earl Britton.....	Norwalk
Byron Alfred Burkholder.....	Republic
Ronald Gayle Cantrell.....	Columbus
John Litschert Crisp.....	Berea
Samuel Thomas Darnell.....	Ironton
James Franklin Davis.....	Cincinnati
Kenneth Ray Diller (cum laude).....	Orrville
Gary James Doyle (summa cum laude).....	Frankfort, Ind.
John David Eubanks.....	Springfield
James Walter Eyster.....	Canfield
Thomas John Hall.....	Hartsville
Robert Helberg, Jr.....	Holgate
James Leon Henry.....	Versailles
William Joseph Hoge.....	Willoughby
Vincent Raymond Horning, Jr.....	Salem
Richard Stephen Jirousek.....	Cleveland
Ralph Dennis Katona.....	Hinckley
Bradford Elby Kile.....	Caledonia
Roderick Orville Koehler.....	Grove City
Jon Richard Konneker.....	Columbus

Paul Steven Kurtzman.....	Columbus
William James Mateyka.....	Cleveland
David Francis Miller.....	Columbus
Jack Byron Morehart.....	Cleveland
Vern DeWitt Notestine.....	Lewistown
Larry Woodrow Nuzum.....	Wintersville
Richard George O'Brien.....	Cincinnati
Terry Lee Oller.....	Delta
Ronald Gene Osborne.....	Springfield
Paul Rolland Ritchey, Jr.....	Deer Park
Samuel Roth.....	Youngstown
Edward Reed Rudolph.....	Marion
Donald James Schiavone.....	Conneaut
Terry Emerson Shoup.....	Tipp City
Roger Franklin Soike.....	Trotwood
William George Steinmetz.....	Canal Winchester
Paul Robert Stephens.....	Cincinnati
Harvey Alan Stewart.....	Columbus
Garry Chester Tackett.....	West Jefferson
Theodore Ellsworth Tinsler.....	North Canton
Gerald Eugene Viers.....	Shelby
Alex Von Wolfe.....	Fairborn

(Forty-five candidates)

#### Bachelor of Metallurgical Engineering

Robert William Armbruster.....	Worthington
Myron Allen Firman, Jr.....	Columbus
Larry Eugene Gardner.....	Worthington
Glenn Willard George, Jr.....	Jamestown
Craig Forsythe Landefeld.....	Massillon
Mark Lee Miller.....	Springfield
Joe Howard Payer.....	Wickliffe
Michael Lee Rich.....	Cleveland
John Roger Swartz.....	Bellefontaine
Benjamin Lee Wright.....	Galena

(Ten candidates)

#### Bachelor of Engineering in Mining

Douglas MacArthur Dwosh.....	Cleveland Heights
Robert Clive McGuire.....	Cleveland
Jeffrey Lee Swank.....	Shelby

(Three candidates)

#### Bachelor of Science in Physics

Jan Edward Adams.....	Oak Harbor
James Harris Constable (cum laude).....	Dayton
Raymond Lee Kidner.....	Columbus
Roger Dean Ober.....	Springfield
John Norman Olsen (summa cum laude).....	Dayton
Glenn Edward Thobe.....	Cincinnati
* Arthur Howard Thompson.....	Columbus

(Seven candidates)

\* Two degrees

### **Bachelor of Welding Engineering**

Harvey Robert Castner.....	Columbus
Edwin David Chambers.....	Columbus
Nathaniel Lewis Clark.....	Pittsburgh, Pa.
James Elton Fisher.....	Cleveland
Theron LeDure Hatch, Jr.....	Worthington
Gerald Wayne Legue.....	Columbus
Steve Alex Mack.....	Fairport Harbor
James Albert McMaster.....	Columbus
Gordon Bruce Mendelson.....	Allison Park, Pa.
Theodore Michael Mosko.....	Cleveland
Donald Charles Perry.....	Cincinnati
Jeffrey Wayne Post.....	Medina
Phillip Marvin Schmidt.....	Geneva

(Thirteen candidates)

### ***School of Architecture and Landscape Architecture***

#### **Bachelor of Architecture**

Henry Stephenson Abbot.....	Columbus
David George Bodenbender.....	Bellefontaine
Thomas Warren Casey.....	Denton, Tex.
Chung-Shong Chuang.....	Taipei, Taiwan, China
Martin Edward Crahan.....	Gnadenhutten
William Lee Everhart.....	Charleston, W. Va.
Ann Scanlon Flaherty.....	Columbus
Michael Henry Frawley.....	The Bronx, N. Y.
David Warner Fritzsche.....	Columbus
Frank Steven Gerlak.....	Westlake
Fredric Arthur Goodman.....	Circleville
Henry Lee Hiner.....	Perrysville
John Gould Hoyt.....	Columbus
Thomas Lee Kerns.....	Dayton
Homer Ray McKnight.....	Columbus
Gene Roger Milhoan.....	Worthington
Jonathan Lee Moore.....	Norwalk
Thomas Geoffrey Mosher.....	Cuyahoga Falls
Frank Alexander Norcross, Jr.....	Rocky River
George Edward Parker, Jr.....	Columbus
Richard Dale Pritts, B.A. (College of William and Mary) ..	Canonsburg, Pa.
James Thomas Rector.....	Columbus
Martin Gerard Santini.....	West Trenton, N. J.
Gary Alan Schaefer.....	Fairview Park
Judith Rae Solomon.....	Youngstown
John Lloyd Sparks, Jr.....	Toledo
Tatiana Tenson.....	Bellaire
Douglas Emerson Weatherby.....	Columbus

(Twenty-eight candidates)

#### **Bachelor of Landscape Architecture**

John Harold Deeth.....	Columbus
Mart Kibena.....	Latrobe, Pa.
Robert Douglas McClain.....	North Lima
Thomas Joseph Nieman.....	Cincinnati

(Four candidates)

# College of Law

Dean: *Ivan C. Rutledge*

## Juris Doctor

John Harper Bain, B.A. (Muskingum College).....New Concord  
James Vaughn Bowers, B.Ch.E., M.Sc.....Solon  
Martin Adolphus Coyle, Jr., B.A. (Ohio Wesleyan University)...Hamilton  
Lawrence Robert Elleman, B.Sc. in Agr.....Eaton  
John Albert Humbach, A.B. (Miami University).....Hamilton  
Michael David Saad, B.Sc. in Bus.Adm.....Zanesville  
John Gordon Slauson, B.Sc. in Bus.Adm.....Columbus  
John Parks Wingard, B.Sc.....Fremont

(Eight candidates)

## Bachelor of Laws

Craig Adams Allen, A.B. (Denison University).....Ironton  
David George Arnold, B.A.....South Euclid  
Ross Edwin Austin, B.C.E.....Bowling Green  
Robert Park Banta, Jr., B.A.....Columbus  
Paul Angelo Bernardini, B.S. (Saint Louis University).....Springfield  
Howard Russell Besser, B.A.....Cleveland Heights  
Fielding Gaar Braffett, B.S. in Bus. (Miami University).....Columbus  
Thomas Allen Brennan, B.A.....Cincinnati  
Robert William Briggs, A.B. (Duke University).....Wooster  
Richard John Chernesky, B.A.....Cleveland  
Suzanne Cherrington, B.A.....Gallipolis  
Dominic James Chieffo, B.B.A. (Ohio University).....Niles  
John Aloysius Connor, B.S. (Mount Saint Mary's College).....Columbus  
James Francis Csank, B.S. in S.S. (John Carroll University)....Cleveland  
Nicholas Gerald DiCuccio, B.A. (University of Notre Dame).....Euclid  
Byrle William Dunlap, B.A.....Columbus  
Philip Lee Eyerman, B.A.....Worthington  
George Nicholas Fell, B.A. (University of Notre Dame).....Toledo  
Frank Henry Foster III, B.E.E.....Toledo  
Gary Bruce Garson, B.Sc. in Bus.Adm.....University Heights  
David Raymond George, B.S. in Bus.Adm. (John Carroll University)

Akron  
Michael Harvey Gertner, B.A.....Columbus  
Larry Gene Gettinger, B.Sc. in Edu.....Greenville  
William Alan Goldman, B.Sc. in Bus.Adm.....Columbus  
David Lee Grayson, A.B. (Miami University).....Celina  
William Alban Greene, A.B. (Denison University).....Columbus  
Leo Craig Hallows, B.A.....Bay Village  
Charles Henderson Hire, A.B. (Denison University).....Washington C. H.  
Thomas Henry Hisrich, B.S. in B.A. (Kent State University).....Dover  
Richard Allan Kahler, B.A. (Kent State University).....Republic  
Russell Herbert Kear, Jr., B.M.E.....Upper Sandusky  
James Edward Kline, B.S. in S.S. (John Carroll University)....Fremont  
Richard Lee Lancione, B.Sc. in Bus.Adm.....Bellair  
Martin Lauer, B.S. in S.S. (John Carroll University).....Oregon  
Ronald Lawrence, A.B. (Miami University).....Middletown  
John Maurice Leahy, B.S. in S.S. (John Carroll University).....Tiffin  
Thomas John Lombardi, B.S. in S.S. (John Carroll University)....Canton

Frank Irvin Loomis, B.A. (Kent State University).....Kent  
 Neal Hall Magee II, B.Sc. in Bus.Adm.....Columbus  
 Victor Russell Marsh, Jr., B.A. (University of Colorado).New Philadelphia  
 Edward Anthony Matto, B.Sc. in Bus.Adm.....Toronto  
 Randolph McCarthy, Jr., B.B.A. (Saint John's University, Jamaica,  
 New York).....Kalamazoo, Mich.  
 James William McCord, B.Sc. in Bus.Adm.....Worthington  
 Edward Vaughn Miller, B.A. (College of Steubenville).....Steubenville  
 Joel Harvey Mirman, B.B.A. (Ohio University).....Columbus  
 Edward Bennett Neuman, B.A. (Kent State University).....Columbus  
 David Oliver Niehoff, B.A. (Ohio Wesleyan University).....Columbus  
 John Walter Noecker, B.Sc. in Agr.....Ashville  
 David Leonard Odom, B.S. in Bus.Adm. (Bowling Green State  
 University) .....Vermilion  
 Ronald Craig Parsons, B.S. (Pennsylvania State University)  
 New Kensington, Pa.  
 David Lawrence Pemberton, B.A.....Toledo  
 Paul Richard Peterson, B.S. in Ind.Mgt. (Purdue University)  
 Chagrin Falls  
 Paul Edward Pfeifer, B.A.....Bucyrus  
 Donald Gordon Rose, B.Sc.....Columbus  
 Robert Alan Rothman, B.Sc. in Bus.Adm.....University Heights  
 Kevin Michael Ryan, B.A.....Dayton  
 Phillip Dale Schandel, B.S. in S.S. (John Carroll University).....Canton  
 Gerald Eugene Schmenk, A.B. (University of Dayton).....Ottawa  
 Dean Berne Schulman, B.A.....Akron  
 Thomas Jan Short, B.S. in Bus.Adm. (Bowling Green State University)  
 Napoleon  
 Bruce Llewelyn Smith, B.A.....Maumee  
 I. MacAlpine Smith, B.A. (Northwestern University).....Bellefontaine  
 Thomas John Smith, B.B.A. (Ohio University).....Avon  
 Keith Alan Sommer, B.S. in Bus.Adm. (Bowling Green State University)  
 Martins Ferry  
 Beatrice Kronick Sowald, B.A.....Columbus  
 Hugh James Stevenson, A.B. (Georgetown University)..Birmingham, Mich.  
 William Glen Stewart, B.Sc. in Bus.Adm.....Columbus  
 Daniel Patrick Thomas, B.Sc. in Bus.Adm.....Youngstown  
 James Marshall Tuschman, B.S. in Bus. (Miami University).....Toledo  
 Richard Lawrence Walker, A.B. (Marietta College).....Columbus  
 James Leland Walters, B.Sc. in Bus.Adm.....Columbus  
 William Richard Walton, B.Sc. in Bus.Adm.....Ironton  
 William Vernon Walton III, B.A.....Columbus  
 John Gary Warner, B.A.....Dayton  
 Charles Winton Waterfield, A.B. (Baldwin-Wallace College)....Sandusky  
 David Jay Zendell, B.A.....Paterson, N. J.  
 Salvatore Anthony Zingale, B.A.....Maple Heights

(Seventy-seven candidates)



# College of Medicine

Dean: Richard L. Meiling

## Doctor of Medicine

Joseph Andrew Abram, Jr., A.B. (Miami University).....Avon Lake  
Robert Nelson Agee, B.S. in Edu. (Bowling Green State University)

Lindsey  
Errol Rowan Alden, B.Sc. in Nutrition.....Wilmington  
Robert Wilson Almoney, Jr., B.Sc.....Dayton  
Carl Frederick Asseff, B.A.....Euclid  
Thomas William Atkin, B.S. (Ohio University).....Lancaster  
James Nicholson Baird, Jr., B.Sc. (cum laude).....Columbus  
Robert Marcus Baldwin, B.S.Pharm. (University of Toledo); M.Sc.

Bellevue  
Ralph Richard Ballenger, B.S. (Heidelberg College).....Cleveland  
Marvin Ivan Berkman, B.Sc.....Canton  
Stephen Ross Bernie, A.B. (Miami University).....Dayton  
Jerry Armand Biggs, B.Sc.....Portsmouth  
Everett Arthur Bolz, B.A.....Columbus  
Roy Roman Bontrager, B.Sc.....Beach City  
\*David Samuel Brandt (cum laude).....Columbus  
Donald Lewis Brown, B.S. (Providence College, Rhode Island)

Worthington  
Gerald Stephen Buerk, B.S. in Bus. (Miami University).....Columbus  
John Richard Burg, B.S. (Ohio University).....Painesville  
Robert Michael Cain, B.S. (College of The Holy Cross).....Westlake  
David Alan Capen, B.S. (Bethany College, West Virginia)....Steubenville  
Kathryn Pearce Clausen, B.A. (cum laude).....Dayton  
James Francis Clements, B.Sc., M.Sc.....Tiffin  
Elson Leroy Craig, B.Sc., M.Sc.....Columbus  
Edwin Brayton Davis, B.A.....Carey  
Edward Douglas DeHaas, B.A. (Youngstown University)....Youngstown  
David Winston Doner, Jr., B.A. (cum laude).....Chillicothe  
\*Jerry Coleman Doss.....Columbus  
Charles Michael Downey, A.B. (Miami University).....Sidney  
Alex Raymond Dubin.....Dayton  
Martha Evelyn Early, B.A. (Manchester College).....Bellefontaine  
Frederick William Ernst, A.B. (University of Michigan).....Cleveland  
John Joseph Falko, B.A. (Ohio Wesleyan University).....Cleveland  
Edward Judah Fine, A.B. (Ohio University).....Cincinnati  
Stuart Fisher, B.S. (University of Akron).....Akron  
Mary Elizabeth Fontana, B.A. (summa cum laude).....Columbus  
Walter Edmond George, B.S. (Bowling Green State University)

Mt. Blanchard  
Steven Charles Gibbs, A.B. (Oberlin College).....Cuyahoga Falls  
Kenneth Allan Gluck, B.S. (Bowling Green State University)

Cuyahoga Falls  
Susan Russ Guarnieri, B.S. (College of Saint Mary of the Springs)

Youngstown  
Roger Dean Haring, B.A.....Mansfield  
Albert Joseph Hart, Jr., B.S. (John Carroll University).....Cleveland  
Richard Ivan Hayes, B.S. (University of Akron).....Akron

\* Two degrees

Wesley Wayne Hiser, B.Sc. .... Ludlow Falls  
 Richard Thomas Hoback, A.B. (Ohio Northern University) ..... Newark  
 Joel Denton Hollingshead, B.A. (Manchester College) ..... Brookville  
 John Kenneth Huentelman, B.S. (University of Dayton) ..... Hamilton  
 Terry Griffith Hunt, A.B. (Miami University) ..... Mt. Gilead  
 Frank Edward Isabelle, B.S. (University of Notre Dame) ..... Canton  
 Bohdan John Jarem (cum laude) ..... Lima  
 George Vaughn Johnson, B.Sc. .... Portsmouth  
 Jerome Frederick Johnson, B.A. .... Rocky River  
 Paul Lee Jones, B.Sc. .... Greenville  
 Charles Edward Jordan, B.S. (Ohio University) ..... Xenia  
 Jerry H. Kaye, B.S. (University of Akron) ..... Akron  
 Deloris Irene Kline, B.A. (Kent State University) ..... Kent  
 Frederick Nellis Klippert, B.S. (Mount Union College) ..... Minerva  
 Douglas Reid Knight, B.S. (Otterbein College) ..... Columbus  
 \*John Alfred Knudson ..... Lorain  
 Dexter Donald Koons, B.A. (Kent State University) ..... Akron  
 Ruskin Billings Lawyer, Jr., B.Sc. (cum laude) ..... Columbus  
 Michael Richard Lemert, A.B. (Miami University) (cum laude) .. Cincinnati  
 Robert Lewis Levitin, B.A. .... Youngstown  
 Robert Carl Lister, B.Sc. .... Marion  
 John Mark Lowenbergh, A.B. (Miami University) ..... New Knoxville  
 Laura Wierwille Lowenbergh, A.B. (Miami University) ..... Wapakoneta  
 John Emanuel Markis, B.A. (cum laude) ..... Martins Ferry  
 Thomas Richard Martin, B.S. (University of Notre Dame) .. Sarasota, Fla.  
 William Frederic Maurer, B.Sc. .... Middletown  
 Dennis James McCarthy, B.Sc. .... Cincinnati  
 Frank Scott McCullough, B.S. (Baldwin-Wallace College)

London, Ont., Canada

Lynne Stover McCullough, B.A. .... East Liverpool  
 James Thomas McMahon, B.S. (University of Akron) ..... Akron  
 Donald Merz, B.A. .... Columbus  
 Brooks Allen Mick, B.A. .... Savannah  
 William Freer Milam, Jr., B.Sc. .... Wintersville  
 Carole Ann Miller, B.A. .... Columbus  
 James Douglas Morris, B.Sc. .... Columbus  
 Judith Kidd Morton, B.A. (Hastings College, Nebraska) .. Englewood, Colo.  
 Lawrence Edward Morton, B.I.E. .... Columbus  
 William Kinsey Neeld, B.S. (University of Dayton) ..... Xenia  
 James Alan Neidhart, B.S. (Mount Union College) ..... Newton Falls  
 Thomas Andrew Nims, B.A. (Ohio Wesleyan University) ..... Troy  
 Judith Weiss Northrup, B.A. .... Cleveland  
 Joseph Howard Nussbaum, B.S. (Bowling Green State University) .. Galion  
 Paul Bernard Oppenheimer, B.Sc. .... Columbus  
 Stuart Oppenheimer, B.A. (summa cum laude) ..... Columbus  
 Anthony Michael Parillo, B.Sc. .... Girard  
 James Morgan Parker, B.S. (Capital University) ..... Columbus  
 Emil Richard Pinta, A.B. (Western Reserve University) ..... Columbus  
 Lewis Eugene Plummer, Jr., B.A. .... Columbus  
 Gary Alan Podolny, B.S. (University of Akron) ..... Akron  
 Edward Stephen Porubsky, B.S. (John Carroll University) ..... Cleveland  
 Michael Stephen Ravitch, A.B. (Western Reserve University) ... Wellington  
 John Delmar Reed, B.Sc. .... Belle Center  
 Thomas Samuel Renshaw, B.Sc. .... Columbus  
 Paul Carrington Robinson, Jr., B.Sc. .... Columbus

\* Two degrees

Roy Steele Rogers III, A.B. (Denison University) (cum laude) .. Hillsboro  
 James Robert Rothe, B.S. (Bowling Green State University) Bowling Green  
 Max Wilhelm Karl Rothmund, B.Sc. .... Orient  
 Lewis Foster Sandel, B.Sc. .... Columbus  
 George Pease Schanz, B.Sc. .... Richmond  
 Joseph Schlonsky, B.A. .... Columbus  
 Ivan Lee Shapiro, A.B. (Miami University) .... Cincinnati  
 Nolan Daniel Shipman, A.B. (Asbury College, Kentucky) .... Chillicothe  
 James Robert Skow, A.B. (Oberlin College) .... Toledo  
 Firth Samuel Spiegel, B.S. (Washington and Lee University)

#### University Heights

David Allen Spott, B.S. (University of Pittsburgh) .... Cleveland  
 Gary Scott Staples, B.S. (Baldwin-Wallace College) .... New London  
 Harvey Thomas Staton, A.B. (Denison University) .... Kettering  
 Ezra Steiger, B.A. .... University Heights  
 Stewart Frederick Stock, B.Sc. .... Pataskala  
 Robert Allen Struble, B.A. (Ohio Wesleyan University) .... Bucyrus  
 Stephen James Sveda, B.Sc. .... Ravenna  
 John Paige Taggart, B.S. (Ohio Northern University) .... Canton  
 Robert William Tom, B.Sc. .... Berlin Heights  
 Richard Haggerty Turner, B.Sc. in Bus. Adm. .... Columbus  
 Louis John Unverferth, B.S. (University of Dayton) .... Dayton  
 Anne Hanna Vogt, B.Sc. (cum laude) .... Columbus  
 Albert Louis Waldman, B.Sc. .... Cleveland  
 Lester Eugene Webb, B.A. .... Solon  
 Alan Neal Weiss, B.A. (cum laude) .... Columbus  
 Charles Joseph Wine, B.S.M.E. (Duke University) .... Dayton  
 Genevieve Meloni Wittenauer, B.A. (Kent State University) ... Farmdale  
 Joseph Wilbur Woods, A.B. (Marietta College) .... Harrisville  
 Myron Robert Yakely, B.S. (Otterbein College) .... Sugarcreek  
 James Vern Zelch, A.B. (Miami University) .... Louisville  
 Margaret Groth Zelch, A.B. (Miami University) .... Bay Village  
 Robert Eugene Zipf, Jr., B.A. (DePauw University) .... Kettering

(One hundred and twenty-eight candidates)

#### Bachelor of Science in Medical Dietetics

Linda Chisler Blashfield. .... Pittsburgh, Pa.  
 Barbara Kaye Boles. .... Dayton  
 Mary Alice Brown. .... Hillsboro  
 Susan Lynn Davis. .... Magnolia  
 Judith Whitney Feeman. .... West Mansfield  
 Judith Ann Livengood. .... Williamsburg  
 Mary Kathryn Nichols. .... Chillicothe  
 Nancy Jean Robson. .... East Liberty  
 Marilyn Kay Warner. .... Fredericktown  
 Jeanette Lucille White. .... Mt. Victory

(Ten candidates)

#### Bachelor of Science in Occupational Therapy

Mary Ann Shoop, B.Sc. in Bus. Adm. .... Columbus  
 Martha Geiser Tatham (cum laude) .... Hamilton

(Two candidates)

## School of Nursing

### Bachelor of Science in Nursing

Nancy May Bagley.....	Jefferson
Cynthia Kay Baker (summa cum laude).....	Xenia
Sandra Ann Baumberger.....	Steubenville
Anne Marie Beegan.....	Cleveland
Ann Wacker Beroth.....	Mt. Vernon
Mary Jane Bradley.....	Parkersburg, W. Va.
Carolyn Sue Bridges.....	Franklin
Linda Marie Carlton.....	Cuyahoga Falls
Elizabeth Ann Case.....	Dayton
Janet Henderson Chaffin.....	Parma
Barbara Nichols Clark.....	Canton
Karen Haueisen Clark.....	Columbus
Karen Anne Clough.....	Cleveland
Sharon Lee Clough.....	Cleveland
Carol Marie Colwell.....	Wheaton, Ill.
Constance Louise Conklin.....	Hilliard
Anne Mildred Connolly.....	Parkview
Martha Wilgus Davidson.....	Vandalia
Nancy Suzanne Davis.....	Columbia Station
Elizabeth Ann Dawson.....	Columbus
Carol Louise Dayson.....	Medina
Sandra Lee Deaven.....	Brookville
Janet Ann Delguidice.....	Girard
Evelyn Mae Dewalt.....	Massillon
Billie Colleen Doak.....	Findlay
Mary Ann Stocker Dobras.....	Lorain
Karen Jane Domer.....	Baltic
Marcia Helen Domer.....	Dover
Joan Lee Doyle.....	Greenfield
Phyllis Dalling Endicott.....	Millbury
Sandra Lee Erlenbusch.....	Columbus
Miriam Estreicher.....	South Euclid
Sara Lynne Faulder.....	Orrville
Jean Ann Flack.....	Wooster
Frances Talmadge Fleming.....	Youngstown
Linda Kaye Fodor.....	Medina
Margaret Westerman Foley.....	Kettering
Margie Lynne George.....	Carrollton
Marsha Jeanne Giles.....	Parkman
Carolyn Ann Griebing.....	Lakewood
Sandra Jane Hahn.....	Middleburg Heights
Joan Elaine Hedges.....	Hillsboro
Dianne Louise Heffelfinger.....	Youngstown
Nancy Carole Iams.....	Celina
Linda Ader Iimura.....	Terrace Park
Linda Lou Jeffis.....	Barberton
Margaret Irene Jewell.....	Wooster
Patricia Connell Karlovec.....	Cleveland
Ella Massaro Kick.....	Wooster
Sharon Kozsuch Klein.....	St. Clairsville
Glenn Beryl Knepper.....	Findlay
Carol Ann Krohn.....	Hilliard

Carla Rothschild Kuhn.....	Springville, N. Y.
Charleen Frances Lederle.....	Lisbon
Jeanne Marie Lemire.....	Pierpont
Cheryl Diane Leslie.....	Columbus
Katherine Anne Lien.....	Columbus
Cheryl Lynne Logan.....	Lima
Margaret Lois MacLaren.....	Pittsburgh, Pa.
Mary Louise Macnamara.....	Dayton
Judith Stelzner MacQueen (cum laude).....	Coshocton
Elizabeth Anne Martin.....	Genoa
Shirley Alice Mealey.....	Gallipolis
JoAnn Mary Miller.....	Lakewood
Sandra Lee Miller.....	Lima
Barbara Ann Munger.....	Niagara Falls, N. Y.
Donna Jean Myers.....	Massillon
Sara Lynn Newhouse.....	Wooster
Helen Frances Nungesser.....	Galion
Nancy Oyler.....	West Carrollton
Dorothy Campbell Perin.....	Parma
Judith McClymonds Pickett.....	Girard
Charlotte Ann Plough.....	Marion
Suzanne Kay Preidis.....	Columbus
Kathryn Mae Preston.....	Carrollton
Diana Kay Purdy.....	Cincinnati
Elaine Kay Reed.....	Malinta
Karen Marie Rosenberry.....	Columbus
Lura Ann Ross.....	Greenville
Doris Kay Rupert.....	New Waterford
Susan Marion Sander.....	Springfield
Sally Lou Sarver.....	Wickliffe
Erma Florence Sidwell.....	Columbiana
Barbara Jane Sikora (cum laude).....	Canton
Lynn Ellen Silversteen.....	Sheffield Lake
Donna Soppelsa Simmons.....	Parma Heights
Sandra Lou Smith.....	West Liberty
Terry Donahue Smith.....	Steubenville
Janina Ann Smoke.....	Tiffin
Suzanne Myers Smucker.....	Lodi
Sara Jean Summers.....	Cleveland
Patricia Kay Tangenberg.....	Cuyahoga Falls
Janet Lynn Thomas.....	Massillon
Kathy Vandembark Thompson.....	Zanesville
Rosalind Lucille Turner (cum laude).....	Centerville
Betty Lou Ulbrich.....	Athens
Sallie Marie Upper.....	Cleveland
Judith Lautzenheiser Urban.....	Louisville
Joyce Avis Wicklund.....	Toledo
Nannette Nussbaum Wilson.....	New Philadelphia
Fern Ellen Yoder (cum laude).....	Alliance

(One hundred and one candidates)

# College of Pharmacy

*Dean: Lloyd M. Parks*

## Bachelor of Science in Pharmacy

James Robert Armstrong.....	Utica
Sidney Owen Arnson.....	Cleveland Heights
James Douglas Barker.....	Akron
Eleanor Barstow, B.S. (Ohio University).....	Athens
Ronald Lee Berman.....	Columbus
Barbara Ann Blackmore.....	Columbus
Renate Bleckmann (cum laude).....	Columbus
Roger Douglas Braun.....	Middlefield
William Elbert Brown.....	Columbus
Duncan Campbell.....	Cleveland
David Hersh Canowitz, B.Sc.....	Columbus
Albert Andrew Cook.....	Columbus
Richard John Costic.....	Newton Falls
Timothy Lou Donerkiel.....	Lorain
Erik Edward Emmert.....	Kettering
Jon J. Fauley.....	Roseville
Robert Joseph Ferreri, B.S. (Youngstown University).....	Youngstown
William David Finefrock.....	Massillon
James Aubry Garbe.....	Columbus
Jerome Howard Geier.....	Struthers
Robert Wilbur Green, Jr.....	Dayton
James Richard Hazelett.....	Tallmadge
Charles Richard Hutchinson.....	Medway
Charles Morgan Jones.....	Columbus
Joseph Jay Kappus.....	Lakewood
Allen Ray Keller.....	Blacklick
John Alan Knox.....	Columbus
William Gerald Leiby.....	Pottsville, Pa.
Joseph Carl Lestini.....	Bellaire
Charles Richard Mackenzie.....	Westerville
Johanna Louise Marasovich.....	Donora, Pa.
Bennett Joel Menks, A.B. (Miami University).....	Cleveland
James Robert Morris.....	Harrisville
Gordon Frank Myers.....	Akron
Gary Douglas Osborn.....	Montpelier
David William Purdy.....	Columbus
William Stephen Renner.....	Hilliard
Harry Edwin Secrest, B.Sc.....	Columbus
Sue Kirkbride Shupe.....	Columbus
Everett Leroy Smith.....	Willard
Gerard Augustine Stock, Jr. (cum laude).....	North Canton
Richard Albert Stoudt.....	Columbus
Robert Hudson Tidwell.....	Columbus
Jacquita Grimes Walker.....	Columbus
Michael Allan Weiner.....	Columbus
Beverly Greene Weston.....	Columbus
Robert John Zapko.....	Youngstown

(Forty-seven candidates)

# College of Veterinary Medicine

Dean: *Walter R. Krill*

## Doctor of Veterinary Medicine

Thomas Stephen Albers.....	Chickasaw
* Neil Eugene Augenstein.....	Fairborn
Lois Brant Baker, B.S. in Med.Tech. (University of Akron).....	Mogadore
* Robert Lynn Benner (cum laude).....	Mt. Cory
John Calvin Bensenhaver, B.S. in Agr. (West Virginia University) (cum laude).....	Petersburg, W. Va.
Richard F. Bing.....	Sandusky
Fred Frank Birk.....	Euclid
Richard Howard Bohning, Jr., B.Sc. in Agr.....	Columbus
Ronald Max Bright.....	Beverly
Thomas Alva Buckley, B.S. in Agr. (West Virginia University) White Sulphur Springs, W. Va.	
William Bruce Butler.....	Columbus
Robert Adolph Candon.....	Euclid
Richard Hale Cardy.....	North Canton
Ronald Curtis Chatfield.....	Columbus
William Robert Clark.....	Southington
William Fred Coates.....	North Lewisburg
Joseph Mont Cummins, Jr.....	Bellefontaine
Gary Warren Davis (cum laude).....	Highland
Donald George Denton.....	West Jefferson
Jon Harvey Ellis, A.B. (Wilmington College).....	Xenia
Phillip Lee Fields.....	Cedarville
Reuben David Glauser.....	Crestline
Don Ray Greenamyer.....	Salem
William Robert Haagenson.....	Northport, N. Y.
Thomas Neil Haverfield, B.Sc. in Agr.....	Steubenville
William Michael Hockman, B.Sc. in Agr.....	Canal Winchester
* Glen Frederick Hoffsis (cum laude).....	Bucyrus
Maureen Schnee Hunter.....	Collins
Lawrence Allen Julius.....	Cleveland
John William Kantzer, B.Sc. in Agr.....	Marion
Michael Lloyd Kaplan, B.S. in Phar. (Fordham University) New Rochelle, N. Y.	
John Terrance Kavanaugh, B.Sc. in Agr.....	Columbus
Norman Walter Knispel, B.Sc. in Agr.....	Amherst
John Lynn Kroh.....	Mentor
Frederick William Labavitch.....	Cincinnati
Bruce Ivan Landis.....	Wooster
Richard Arthur Langford, B.S. in E.E. (Tennessee Polytechnic Institute) Cantor	
Edward Barnet Leeds.....	Cedarhurst, N. Y.
John Bruce Limehouse.....	Cincinnati
Alan Jay Lipowitz.....	Fair Lawn, N. J.
Douglas Gordon Lucke.....	Cincinnati
Gerald David Mast, B.Sc. in Agr.....	Wooster
Robert Kent Matthews.....	Canton
Edward Morgan McFarlan.....	Cadiz
Ronald Lee McNutt.....	Dunkirk

\* Two degrees

Irving Lee McPhail, B.Sc. in Agr.....	Gambier
Maridelle Hermes Mehling.....	New Carlisle
William Marshall Mewborn.....	Toledo
Gary Eugene Nash.....	Marion
Donald Lester Noah, B.Sc. in Agr.....	Scio
Mark Eugene Place.....	Springfield
George James Pucak.....	Hubbard
Jay Kline Richardson.....	Ravenna
Joseph Edward Rieger.....	Napoleon
* Robert Willison Ritchey.....	Dennison
Ronald George Rohr.....	Columbus
Eberhard Rosin.....	Lakewood
* Charles Richard Scott.....	Plain City
Gary Wayne Shidaker.....	Worthington
John Francis Sifferlin.....	Shelby
David Thomas Smith.....	Lima
Robert Charles Smith, B.Sc. in Agr.....	Columbus
Barbara Sydney Stein, B.Sc. in Agr.....	Lincolnwood, Ill.
Steven Edgar Stevenson.....	Jackson
John Cline Stover.....	Kettering
Paul A. Stull.....	Jackson
Jack Phillip Swagler, B.S. (Baldwin-Wallace College).....	Seville
* William Duncan Swartz.....	Ashland
Timothy Edward Tillman.....	Bellefontaine
Donald Eugene Van Vlerah.....	Defiance
Charles Edward Wallace.....	Oberlin
Michael Anthony Yacapraro.....	Wooster

(Seventy-two candidates)

\* Two degrees



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